

BUREAU OF THE CENSUS
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DIVISION AND STATE.	POPULATION, JAN. 1, 1920.													
	POPULATION, BY SEX.			NATIVE WHITE POPULATION.		FOREIGN-BORN WHITE POPULATION.		NEGRO POPULATION.		POPULATION 7 TO 20 YEARS OF AGE.		POPULATION 10 YEARS OF AGE AND OVER.		
	Total.	Male.	Female.	Native parentage.	Foreign or mixed parentage.	Number.	Per cent of total.	Number.	Per cent of total.	Total.	Attending school.	Total.	Number.	Percent.
1 United States.	105,710,620	53,900,481	51,810,139	68,421,957	22,886,204	13,712,754	13.0	10,463,131	9.9	28,564,716	10,451,351	82,730,315	4,931,905	6.0
2 GEOGRAPHIC DIVS.:														
3 New England.	7,400,909	3,672,591	3,728,318	2,803,149	2,642,276	1,870,654	25.3	79,051	1.1	1,708,290	1,223,023	5,945,089	289,700	4.9
4 Middle Atlantic.	22,261,144	11,206,445	11,054,699	9,631,012	7,098,253	4,912,575	22.1	600,183	2.7	5,527,757	3,746,500	17,066,384	865,382	4.9
5 E. North Central.	21,475,543	11,035,041	10,440,502	11,790,370	5,925,213	3,223,279	15.0	1,544,554	2.4	5,350,637	3,728,708	17,130,786	495,470	2.9
6 W. North Central.	12,554,249	6,459,067	6,085,182	7,475,548	3,377,878	1,371,961	10.9	278,521	2.2	3,393,142	2,420,929	9,889,740	103,221	2.0
7 South Atlantic.	13,900,272	7,035,843	6,954,420	8,779,416	553,604	315,920	2.3	4,325,120	30.9	4,323,020	2,818,406	10,513,447	1,212,942	11.5
8 E. South Central.	8,893,307	4,471,600	4,421,617	6,002,782	202,826	71,939	0.8	2,523,532	28.4	2,818,595	1,853,659	6,877,220	845,459	12.7
9 W. South Central.	10,242,224	5,265,829	4,976,395	6,959,785	696,609	459,333	4.5	2,083,579	20.1	3,259,000	2,097,596	7,739,536	773,637	10.0
10 Mountain.	3,336,101	1,789,269	1,546,802	2,002,508	757,166	453,225	13.6	30,801	0.9	898,406	656,638	2,604,468	132,050	5.2
Pacific.	5,560,571	2,964,626	2,602,245	2,887,387	1,432,379	1,038,808	18.6	47,790	0.9	1,227,288	900,734	4,611,771	123,435	2.7
11 NEW ENGLAND:														
12 Maine.	768,014	388,752	379,262	495,780	162,566	107,349	14.0	1,310	0.2	188,822	134,299	621,233	20,240	3.3
13 New Hampshire.	443,088	222,112	220,971	225,512	125,588	91,233	20.6	621	0.1	104,581	73,063	361,930	15,788	4.4
14 Vermont.	382,428	178,854	178,574	228,325	78,966	44,526	12.6	572	0.2	87,302	62,544	284,472	8,488	3.0
15 Massachusetts.	3,852,356	1,900,014	1,902,342	1,230,773	1,495,217	1,077,534	28.0	45,466	1.2	907,212	633,124	3,106,769	140,607	4.7
16 Rhode Island.	604,397	297,524	306,873	178,553	246,928	178,499	28.7	10,036	1.7	149,774	95,499	483,788	31,312	6.5
MIDDLE ATLANTIC:														
17 New York.	10,385,227	5,187,350	5,197,877	8,668,266	3,717,640	2,786,112	26.8	198,483	1.9	2,461,306	1,656,905	8,402,786	425,022	5.1
18 New Jersey.	3,155,900	1,590,075	1,565,825	1,212,675	1,035,799	738,613	23.4	117,132	3.7	786,040	525,979	2,494,246	127,661	5.1
19 Pennsylvania.	8,720,017	4,420,020	4,290,997	4,750,071	2,294,805	1,387,850	15.9	284,568	3.3	2,280,411	1,563,676	6,769,322	312,690	4.6
E. NORTH CENTRAL:														
20 Ohio.	5,750,304	2,955,980	2,803,414	3,660,122	1,224,074	678,697	11.8	186,187	3.2	1,386,799	939,417	4,024,456	181,006	2.8
21 Indiana.	2,930,390	1,489,074	1,441,316	2,829,544	308,659	180,888	5.1	80,810	2.8	745,281	515,237	2,356,214	52,034	2.2
22 Illinois.	6,485,280	3,304,893	3,180,447	3,066,563	2,025,819	1,206,951	18.6	182,274	2.8	1,619,847	1,103,216	5,184,943	173,987	3.4
23 Michigan.	3,668,412	1,926,436	1,739,076	1,670,447	1,204,545	726,635	19.8	60,082	1.6	803,744	626,165	2,895,606	88,046	3.0
24 Wisconsin.	2,632,067	1,350,718	1,275,349	1,054,694	1,102,116	460,128	17.5	5,201	0.2	704,966	489,671	2,069,507	50,397	2.4
W. NORTH CENTRAL:														
25 Minnesota.	2,387,125	1,245,537	1,141,588	827,627	1,055,145	486,164	20.4	8,809	0.4	643,287	461,096	1,877,132	34,487	1.8
26 Iowa.	2,404,021	1,229,392	1,174,629	1,528,553	229,981	225,647	9.4	19,005	0.8	627,248	454,078	1,913,155	20,680	1.1
27 Missouri.	3,404,055	1,723,819	1,680,736	2,536,930	502,082	186,026	5.5	178,241	5.2	901,694	624,395	2,737,771	83,403	3.0
28 North Dakota.	646,572	341,673	305,199	207,966	300,485	131,503	20.3	467	0.1	198,020	146,280	470,210	9,937	2.1
29 South Dakota.	636,547	337,120	299,427	308,598	228,158	82,301	12.9	832	0.1	181,271	131,943	482,105	8,109	1.7
30 Nebraska.	1,296,372	672,805	623,567	757,064	372,503	149,652	11.5	13,242	1.0	358,143	256,961	1,012,652	13,784	1.4
31 Kansas.	1,769,257	909,221	860,036	1,308,804	289,524	110,578	6.2	57,925	3.3	483,480	356,167	1,396,725	22,521	1.6
SOUTH ATLANTIC:														
32 Delaware.	223,003	113,755	109,248	139,876	32,929	19,810	8.9	30,335	13.6	54,739	37,759	178,930	10,508	5.9
33 Maryland.	1,449,661	729,455	720,206	893,088	209,472	102,177	7.0	244,479	16.9	381,106	246,056	1,158,953	64,434	5.6
34 Dist. Columbia.	437,571	203,543	234,028	239,488	58,824	28,543	6.5	109,666	25.1	89,031	53,005	377,205	10,509	2.8
35 Virginia.	2,309,187	1,168,492	1,140,095	1,334,494	52,630	30,765	1.3	690,017	29.9	709,980	460,037	1,748,868	195,159	11.2
36 West Virginia.	1,483,701	763,100	700,601	1,232,857	82,472	61,906	4.2	86,349	5.9	437,703	297,044	1,083,395	69,413	6.4
37 North Carolina.	2,559,123	1,279,082	1,280,061	1,705,203	11,477	7,099	0.3	763,407	29.8	839,574	576,239	1,844,673	241,803	13.1
38 South Carolina.	1,683,724	838,293	845,491	799,413	12,719	6,401	0.4	864,719	51.4	576,564	393,077	1,219,316	220,667	18.1
39 Georgia.	2,895,832	1,444,823	1,451,009	1,642,697	30,231	16,186	0.6	1,206,365	41.7	953,304	570,386	9,180,230	328,888	15.3
40 Florida.	968,470	495,320	473,150	532,295	62,850	43,008	4.4	329,487	34.0	280,719	179,803	751,787	71,811	9.6
E. SOUTH CENTRAL:														
41 Kentucky.	2,416,630	1,227,494	1,189,136	2,039,134	110,646	30,780	1.3	285,938	0.8	717,607	480,526	1,837,434	155,014	8.4
42 Tennessee.	2,337,885	1,173,967	1,163,918	1,832,757	37,758	15,478	0.7	451,768	19.3	724,688	488,543	1,770,762	182,029	10.3
43 Alabama.	2,348,174	1,173,105	1,175,069	1,394,129	35,241	17,662	0.8	900,652	38.4	774,048	499,888	1,730,421	278,082	16.1
44 Mississippi.	1,790,618	897,124	893,494	826,762	19,181	8,019	0.4	935,184	52.2	602,192	389,702	1,338,612	223,734	17.2
W. SOUTH CENTRAL:														
45 Arkansas.	1,752,204	895,228	850,976	1,226,692	39,090	13,975	0.8	472,220	27.0	569,870	375,115	1,302,905	121,837	9.4
46 Louisiana.	1,798,509	903,335	895,174	941,724	110,016	44,871	2.5	700,257	38.9	574,106	327,546	1,366,060	299,092	21.9
47 Oklahoma.	2,028,233	1,058,044	970,239	1,679,107	1,02,119	39,968	2.0	149,408	7.4	647,939	444,247	1,513,951	56,884	3.8
48 Texas.	4,663,228	2,400,222	2,261,006	3,112,262	445,384	360,519	7.7	741,604	15.0	1,466,989	950,688	3,556,614	295,844	8.3
MOUNTAIN:														
49 Montana.	548,889	299,941	248,948	275,803	164,837	93,620	17.1	1,658	0.3	135,886	102,621	421,443	9,644	2.3
50 Idaho.	431,866	233,919	197,047	204,252	92,453	38,963	9.0	920	0.2	122,278	95,027	328,051	4,924	1.5
51 Wyoming.	194,402	110,359	84,043	122,884	42,007	25,255	13.0	1,375	0.7	47,474	34,387	150,993	3,149	2.1
52 Colorado.	939,629	492,731	440,598	603,041	204,108	116,954	12.4	11,318	1.2	230,926	175,745	747,485	24,208	3.2
53 New Mexico.	360,350	190,456	169,894	273,317	32,279	29,077	8.1	5,733	1.6	101,738	75,119	267,595	41,637	15.6
54 Arizona.	334,162	183,602	150,560	161,145	62,205	78,099	23.4	8,005	2.4	89,404	54,387	255,461	39,131	15.3
55 Utah.	449,396	232,051	217,345	245,781	139,665	56,455	12.6	1,446	0.3	136,039	107,908	331,530	6,264	1.9
56 Nevada.	77,407	46,240	31,167	36,285	19,012	14,802	19.1	346	0.4	15,601	11,			

STATE COMPENDIUM.

3

FOR POPULATION, AGRICULTURE, MANUFACTURES, AND MINES AND QUARRIES.

[Table continued on following page.]

POPULATION, JAN. 1, 1920.										AGRICULTURE.						
POPULATION 21 YEARS OF AGE AND OVER.										LAND IN FARMS, 1920						
All classes.			Native white.	Foreign-born white.			Negro.		Farm population, 1920	Number of farms, 1920	Percent operated by tenants.	Total (acres).	Average per farm.	Improved (acres).	Percent improved.	
Total.	Illiterate.			Total.	Naturalized.	Percent illiterate.	Total.	Percent illiterate.								
Number.	Per cent.															
60,886,520	4,333,111	7.1	42,614,741	12,498,720	6,208,697	13.7	5,522,475	27.4	31,614,269	6,448,343	38.1	955,883,715	148.2	503,073,007	52.6	1
4,501,477	250,820	6.1	2,829,337	1,705,291	755,527	14.8	52,815	8.5	625,877	156,564	7.4	16,900,642	108.5	6,114,601	36.0	2
13,451,656	843,582	6.3	8,549,966	4,477,752	2,024,610	16.7	409,441	6.0	1,892,789	425,147	20.7	40,572,901	95.4	20,502,107	65.5	3
13,025,595	480,238	3.7	9,076,916	2,978,575	1,576,607	11.4	356,313	8.7	4,913,633	1,084,744	28.1	117,735,179	108.5	57,894,835	74.7	4
7,278,548	180,616	2.5	5,777,875	1,291,704	874,132	6.5	187,805	12.5	5,171,506	1,006,951	34.2	256,073,229	234.3	171,394,430	66.7	5
7,212,523	1,006,764	14.0	4,809,560	287,215	131,423	13.5	2,111,932	31.5	8,416,693	1,153,976	46.8	97,775,233	84.4	48,509,886	49.6	6
4,523,944	700,098	15.5	3,171,417	67,242	38,335	9.3	1,284,069	34.1	5,182,937	1,051,600	40.7	78,387,463	75.0	44,380,132	56.3	7
5,243,779	611,363	11.7	3,796,823	357,220	114,258	20.1	1,062,244	30.5	5,228,199	906,088	52.7	173,449,127	174.1	64,189,606	37.0	8
1,888,921	113,384	6.0	1,421,559	394,008	210,864	12.7	23,881	5.8	1,168,307	244,109	15.4	117,337,226	480.7	30,105,868	25.7	9
3,670,077	116,240	3.2	2,584,988	930,623	482,872	8.8	34,387	5.4	1,014,173	234,164	20.1	56,152,705	239.8	23,921,533	42.6	10
475,191	18,572	3.9	370,856	94,329	40,479	12.0	876	6.8	197,601	48,227	4.2	5,425,968	112.5	1,977,329	36.4	11
281,026	15,257	5.4	198,481	82,049	36,621	16.4	388	7.7	76,021	20,523	6.7	2,903,808	126.9	702,902	27.0	12
217,042	8,182	3.8	178,442	88,232	19,825	12.5	342	8.2	125,203	29,075	11.6	4,235,811	145.7	1,691,595	39.9	13
2,411,507	142,750	5.9	1,389,441	988,013	441,416	13.5	30,412	8.2	118,554	32,001	7.1	2,404,477	77.9	908,834	36.4	14
368,637	30,319	8.2	204,916	156,866	78,175	17.5	6,554	12.5	15,136	4,083	15.5	331,600	81.2	132,855	40.1	15
838,074	65,776	7.8	475,701	344,902	139,011	18.1	13,743	7.5	68,302	22,655	8.5	1,898,930	83.8	701,086	36.9	16
6,514,681	415,359	6.4	3,832,852	2,528,497	1,153,813	15.2	142,544	3.4	800,747	103,165	19.2	20,632,803	106.8	13,158,781	63.3	17
1,597,884	124,358	6.6	1,145,506	675,222	305,516	16.3	76,671	7.5	143,708	20,702	23.0	2,282,555	76.8	1,555,607	68.2	18
5,030,091	303,805	6.0	3,571,608	1,274,033	566,290	20.1	191,226	7.3	948,334	202,250	21.9	17,657,513	87.3	11,847,710	67.1	19
3,558,481	126,645	3.6	2,807,874	622,528	203,535	13.4	126,940	9.7	1,139,329	256,605	20.5	23,515,888	91.6	18,542,353	78.0	20
1,779,523	50,147	2.8	1,588,076	140,373	63,567	12.4	53,935	11.7	907,295	203,126	32.0	21,065,332	102.7	16,680,212	79.2	21
3,944,197	169,127	4.3	2,004,077	1,117,928	639,446	11.7	128,570	7.9	1,098,202	237,181	42.7	81,744,775	134.8	27,204,635	56.4	22
2,215,436	85,613	3.9	1,504,907	603,160	330,958	10.5	43,407	4.9	848,710	196,447	17.7	19,632,991	96.9	12,925,521	67.9	23
1,527,661	48,706	3.2	1,084,382	434,501	249,161	8.8	3,009	4.8	920,037	180,295	14.4	22,148,223	117.0	12,452,216	56.2	24
1,380,824	32,869	2.4	906,810	402,582	319,300	5.6	6,066	3.5	807,181	178,478	24.7	30,221,758	109.3	21,481,710	71.1	25
1,228,082	19,444	1.4	1,205,980	214,479	155,271	5.0	12,568	9.9	934,709	213,439	41.7	38,474,896	150.8	28,000,051	85.5	26
2,038,814	77,348	3.8	1,743,313	173,561	104,448	10.0	121,328	14.3	1,211,346	263,004	28.8	34,774,005	132.2	24,832,906	71.4	27
322,918	9,373	2.9	198,345	121,047	91,187	5.9	336	4.8	304,500	77,600	25.8	30,214,751	466.1	24,503,178	67.8	28
344,344	7,640	2.2	257,605	78,027	55,164	4.9	520	6.7	362,221	74,637	34.9	34,636,491	464.1	18,190,250	52.5	29
738,310	12,972	1.8	585,753	140,899	89,783	6.6	9,437	5.7	584,172	124,417	42.9	42,225,475	389.4	23,109,624	54.7	30
1,024,144	20,970	2.0	884,079	101,209	60,889	10.2	87,010	11.2	737,377	165,286	40.4	45,425,179	274.8	30,600,760	67.4	31
136,521	10,088	7.4	100,114	18,245	8,027	18.2	18,113	24.6	51,212	10,140	39.3	944,511	93.1	653,052	60.1	32
882,301	58,877	6.8	626,388	98,024	49,704	14.8	141,991	22.2	279,225	47,908	23.9	4,757,099	99.3	3,130,728	65.9	33
305,255	10,190	3.3	204,804	26,376	14,712	6.4	73,443	10.7	894	204	41.7	5,668	27.8	4,255	75.1	34
1,207,074	102,876	13.5	827,272	27,851	14,057	7.5	351,231	20.3	1,064,417	180,242	25.6	18,501,112	99.7	9,460,402	51.0	35
752,344	61,468	8.2	645,641	55,405	14,141	26.4	51,145	18.9	477,924	87,289	16.2	9,569,790	109.6	5,520,303	57.7	36
1,210,727	204,492	16.9	850,507	6,488	3,235	7.0	342,756	32.4	1,501,297	269,763	43.5	20,021,736	74.2	8,198,409	40.0	37
779,991	179,482	23.0	396,355	5,941	3,062	6.5	376,930	38.7	1,074,693	192,993	64.5	6,120,375	64.5	6,184,159	49.8	38
1,421,606	261,294	18.4	831,173	14,855	8,816	5.6	575,330	35.8	1,385,213	101,732	66.6	25,441,001	81.9	13,055,200	51.3	39
536,614	58,497	10.9	316,746	38,370	16,109	6.6	181,008	24.8	281,803	54,005	25.3	6,040,001	112.0	2,297,271	38.0	40
1,289,496	136,235	10.6	1,116,037	29,488	18,493	7.5	143,881	26.4	1,304,862	270,626	33.4	21,612,772	79.9	13,975,746	64.7	41
1,214,047	153,163	12.6	955,125	14,319	7,708	8.7	245,395	26.9	1,271,708	252,774	41.1	19,510,858	77.2	11,185,302	57.3	42
1,443,395	225,565	20.0	685,928	16,105	8,503	11.3	441,130	38.8	1,395,885	250,099	57.9	19,870,856	76.4	9,893,407	60.5	43
876,106	182,135	20.8	414,329	7,330	3,631	13.4	463,003	35.9	1,270,482	272,101	66.1	18,190,979	66.9	9,325,677	51.2	44
867,292	99,413	11.5	611,737	13,166	7,569	8.3	242,234	26.5	1,147,049	232,604	51.3	17,450,750	75.0	9,210,556	52.8	45
924,184	229,980	24.9	522,789	41,228	15,196	22.6	359,251	43.8	786,050	135,463	57.1	10,019,822	74.0	5,626,226	56.2	46
1,021,688	48,076	4.7	884,745	36,108	19,372	13.4	76,331	16.4	1,017,327	191,988	51.0	31,951,034	186.4	18,125,321	56.7	47
2,430,715	233,994	9.6	1,777,552	286,718	72,121	33.3	384,428	23.4	2,277,773	430,038	53.3	114,020,621	201.5	31,227,503	27.4	48
320,562	9,071	2.8	226,355	85,709	50,627	6.0	1,262	6.7	225,067	57,677	11.3	35,070,656	608.1	11,007,278	31.4	49
234,076	4,510	1.9	193,818	36,170	23,934	6.6	699	5.9	200,902	42,106	15.9	8,375,873	198.9	4,511,680	53.9	50
115,739	2,940	2.5	89,625	23,057	12,008	9.2	1,065	6.1	67,306	15,748	12.5	11,809,351	749.9	2,102,005	17.8	51
564,529	22,080	3.9	448,781	105,017	62,318	12.8	8,106	7.4	286,073	59,034	23.0	24,482,014	408.1	7,744,757	31.7	52
182,186	34,952	18.9	149,224	21,932	5,881	28.6	4,309	4.4	161,446	29,844	12.2	24,409,6				

SUMMARY FOR THE UNITED STATES, BY GEOGRAPHIC DIVISIONS AND STATES,

Table continued from preceding page.]

DIVISION AND STATE.	AGRICULTURE—Continued.								
	VALUE OF FARM PROPERTY: 1920				VALUE OF FARM PRODUCTS: 1919				
	Total.	Land and buildings.	Implements and machinery.	Livestock.	Total (gross value) ¹	Live-stock products ²	Domestic animals sold, etc. ³	Crops.	Miscellaneous products ⁴
1 United States	Dollars. 77,924,100,938	Dollars. 66,318,002,602	Dollars. 3,594,772,928	Dollars. 8,013,324,808	Dollars. 21,425,623,614	Dollars. 2,667,072,273	Dollars. 3,511,050,000	Dollars. 14,755,364,894	Dollars. 492,136,447
GEOGRAPHIC DIVISIONS:									
2 New England.....	1,173,019,504	917,408,584	92,387,525	163,163,485	505,397,039	132,411,030	55,500,000	275,175,536	42,310,473
3 Middle Atlantic.....	3,949,684,183	3,002,137,755	359,152,336	588,394,093	1,521,644,117	4,410,240,680	412,960,755	170,200,000	914,490,027
4 East North Central.....	17,245,382,593	14,937,641,071	736,076,305	1,521,644,117	4,410,240,680	721,387,462	784,200,000	2,818,367,792	86,285,526
5 West North Central.....	27,991,454,545	24,489,495,169	1,162,938,264	2,359,001,112	5,581,297,432	550,742,614	1,312,600,000	3,679,302,149	41,052,609
6 South Atlantic.....	6,132,917,760	5,201,773,472	233,980,857	647,163,431	2,829,345,406	204,801,963	221,550,000	2,083,508,429	110,855,074
7 East South Central.....	4,419,466,237	3,663,093,363	176,064,880	379,707,988	1,795,544,716	159,643,789	256,000,000	1,300,179,089	73,220,938
8 West South Central.....	7,622,066,027	6,291,188,972	311,098,790	1,019,771,165	2,789,481,559	181,946,648	352,200,000	2,168,622,649	37,312,262
9 Mountain.....	4,083,137,939	3,163,187,783	190,715,678	729,284,483	1,921,882,633	121,132,969	230,700,000	562,054,399	7,005,265
10 Pacific.....	5,307,011,460	4,669,416,734	232,357,702	405,236,034	1,281,275,305	183,145,033	127,500,000	948,854,024	21,676,248
NEW ENGLAND:									
11 Maine.....	270,526,733	204,108,971	26,637,860	39,780,102	154,076,196	26,075,219	15,700,000	100,152,324	12,148,653
12 New Hampshire.....	118,656,115	89,995,570	9,498,322	18,100,923	51,771,331	14,681,368	7,700,000	23,509,665	5,880,298
13 Vermont.....	222,736,620	159,117,150	21,234,130	42,389,331	99,473,142	31,578,340	13,300,000	47,999,600	6,600,202
14 Massachusetts.....	300,471,743	247,587,831	19,359,755	33,524,157	109,223,194	33,850,892	10,000,000	53,700,025	10,771,377
15 Rhode Island.....	33,636,706	26,387,926	2,405,561	4,840,279	18,632,138	5,367,881	1,300,000	5,340,378	1,872,870
16 Connecticut.....	226,991,617	100,270,827	13,248,097	23,472,688	77,171,038	20,862,330	6,600,000	44,472,644	5,236,064
MIDDLE ATLANTIC:									
17 New York.....	1,908,483,201	1,425,061,740	169,886,766	313,554,605	743,823,392	225,465,739	71,000,000	417,046,864	30,310,789
18 New Jersey.....	811,847,948	250,323,980	25,455,205	36,064,757	135,000,544	31,482,945	8,700,000	87,484,186	7,333,413
19 Pennsylvania.....	1,729,353,034	1,326,752,028	163,820,365	285,773,641	682,334,818	156,012,081	90,500,000	409,068,877	25,853,890
EAST NORTH CENTRAL:									
20 Ohio.....	3,095,660,336	2,001,435,949	140,575,269	287,655,118	941,729,697	155,587,919	150,400,000	607,037,562	19,704,216
21 Indiana.....	3,042,311,247	2,653,643,973	127,403,086	261,264,188	782,101,167	98,350,923	171,100,000	487,229,719	14,421,425
22 Illinois.....	6,686,767,285	5,997,903,566	222,610,305	446,154,064	1,298,906,947	142,351,262	274,800,000	864,737,833	17,017,852
23 Michigan.....	1,763,334,773	1,450,086,210	122,389,930	204,268,632	608,886,581	11,076,235	75,800,000	404,014,810	16,195,536
24 Wisconsin.....	2,677,282,987	2,187,881,973	167,088,009	322,312,115	780,616,288	213,022,023	103,300,000	445,347,868	18,946,397
WEST NORTH CENTRAL:									
25 Minnesota.....	8,787,420,118	3,201,168,325	131,087,988	305,163,825	734,485,441	113,236,605	104,000,000	506,020,233	11,228,243
26 Iowa.....	8,524,870,956	7,601,772,290	309,172,398	613,920,268	1,447,938,473	130,250,447	420,300,000	800,391,299	6,090,727
27 Missouri.....	3,591,068,085	3,082,907,700	138,261,340	389,839,045	982,683,253	105,801,436	270,300,000	559,047,854	17,218,903
28 North Dakota.....	1,759,742,995	1,483,521,495	114,188,395	157,084,035	368,056,883	30,978,932	34,900,000	301,782,935	303,022
29 South Dakota.....	8,873,870,212	2,472,803,681	112,408,288	238,568,203	411,111,307	35,739,209	63,700,000	311,006,809	665,280
30 Nebraska.....	4,201,655,992	3,712,107,760	153,104,448	336,443,784	784,677,206	54,612,075	208,700,000	519,729,771	1,635,360
31 Kansas.....	3,802,806,187	2,830,063,918	154,716,977	318,025,292	882,365,863	80,322,550	210,200,000	588,923,248	2,920,065
SOUTH ATLANTIC:									
32 Delaware.....	80,137,614	64,755,681	6,781,318	8,600,665	32,182,526	5,778,747	2,400,000	23,058,906	944,873
33 Maryland.....	463,638,120	389,598,353	28,970,020	48,071,250	158,778,779	25,522,172	16,800,000	109,588,608	5,997,999
34 District of Columbia.....	5,927,987	5,577,389	104,252	246,368	1,016,770	110,268	50,000	307,614	542,803
35 Virginia.....	1,196,555,772	1,024,435,025	50,151,466	121,900,281	425,199,212	46,311,494	61,100,000	292,824,260	24,963,458
36 West Virginia.....	496,439,617	410,783,406	18,395,058	67,261,152	169,006,516	26,332,970	34,600,000	96,537,459	11,596,087
37 North Carolina.....	1,250,166,905	1,076,392,060	54,621,363	119,152,672	614,094,854	35,860,056	41,600,000	503,229,313	33,395,485
38 South Carolina.....	953,064,742	813,484,200	48,062,387	91,518,155	489,079,710	20,354,060	18,000,000	437,121,837	14,603,813
39 Georgia.....	1,266,685,196	1,138,208,627	63,343,220	155,043,349	638,430,053	36,401,816	39,000,000	540,613,626	22,415,111
40 Florida.....	830,301,717	281,449,404	13,551,773	35,300,340	101,204,046	7,621,885	8,000,000	80,256,806	5,325,355
EAST SOUTH CENTRAL:									
41 Kentucky.....	1,511,901,077	1,305,158,936	48,354,857	158,387,284	512,459,424	50,928,217	96,800,000	347,338,888	17,392,310
42 Tennessee.....	1,251,984,585	1,024,070,894	53,402,556	173,522,135	492,407,214	50,960,604	101,000,000	318,285,307	22,161,213
43 Alabama.....	690,848,720	543,657,755	34,306,217	112,824,748	383,178,270	30,420,093	29,100,000	304,345,638	19,302,648
44 Mississippi.....	964,751,855	789,896,778	30,881,256	134,978,821	407,499,709	27,327,885	29,600,000	339,207,150	14,384,763
WEST SOUTH CENTRAL:									
45 Arkansas.....	924,305,483	753,110,606	43,432,237	127,852,580	424,486,802	30,083,050	39,400,000	340,813,256	14,189,596
46 Louisiana.....	559,826,670	474,038,703	32,715,010	83,072,876	237,628,052	13,613,465	12,100,000	206,182,548	5,732,039
47 Oklahoma.....	1,660,423,544	1,363,865,294	80,630,547	215,927,703	707,895,000	49,887,518	103,800,000	550,084,742	4,122,740
48 Texas.....	4,447,420,321	3,700,173,319	154,320,990	592,926,006	1,369,471,705	87,761,715	196,900,000	1,071,542,103	16,267,887
MOUNTAIN:									
49 Montana.....	985,961,308	776,767,629	55,004,212	154,189,567	142,507,141	24,809,020	46,000,000	60,975,185	1,812,027
50 Idaho.....	716,137,910	581,511,954	38,417,253	98,208,693	181,709,566	22,225,355	30,500,000	126,495,111	2,489,090
51 Wyoming.....	334,410,590	234,748,125	11,777,949	87,884,516	68,153,818	14,004,109	23,700,000	30,270,630	17,079,079
52 Colorado.....	1,076,774,749	866,013,660	49,804,500	100,976,580	280,295,333	26,921,292	70,600,000	181,065,239	1,708,802
53 New Mexico.....	325,185,999	221,814,212	9,745,369	98,626,418	75,172,758	8,447,526	25,700,000	40,619,634	405,208
54 Arizona.....	233,592,939	172,325,321	8,820,637	52,447,001	50,771,604	6,294,886	10,900,000	42,481,230	95,578
55 Utah.....	311,274,728	248,751,758	13,514,787	54,008,183	87,764,314	13,738,823	15,600,000	58,667,667	361,424
56 Nevada.....	99,770,666	66,255,214	3,630,927	29,883,525	26,418,019	4,694,649	7,700,000	13,980,303	43,067
PACIFIC:									
57 Washington.....	1,057,420,848	920,392,341	54,721,377	82,316,130	301,271,159	44,068,349	23,000,000	227,212,008	8,002,802
58 Oregon.....	818,569,761	675,213,284	41,507,125	101,779,342	209,459,266	35,146,671	36,200,000	131,884,630	6,297,955
59 California.....	3,431,021,801	3,073,811,109	136,089,290	221,141,402	770,544,880	103,932,013	67,500,000	589,757,377	9,355,490

¹ The gross value of farm products, obtained by adding the value of crops, live-stock products, etc., contains a considerable amount of duplication, on account of crops fed to live stock. It is roughly analogous to the value of products in manufactures, with its duplication on account of the use of the products of one establishment as materials in another.

² These include dairy products, wool and mohair, eggs and chickens, and honey and wax.

³ Estimated value of domestic animals sold by farmers and animals slaughtered on the farms, whether for sale or for home consumption.

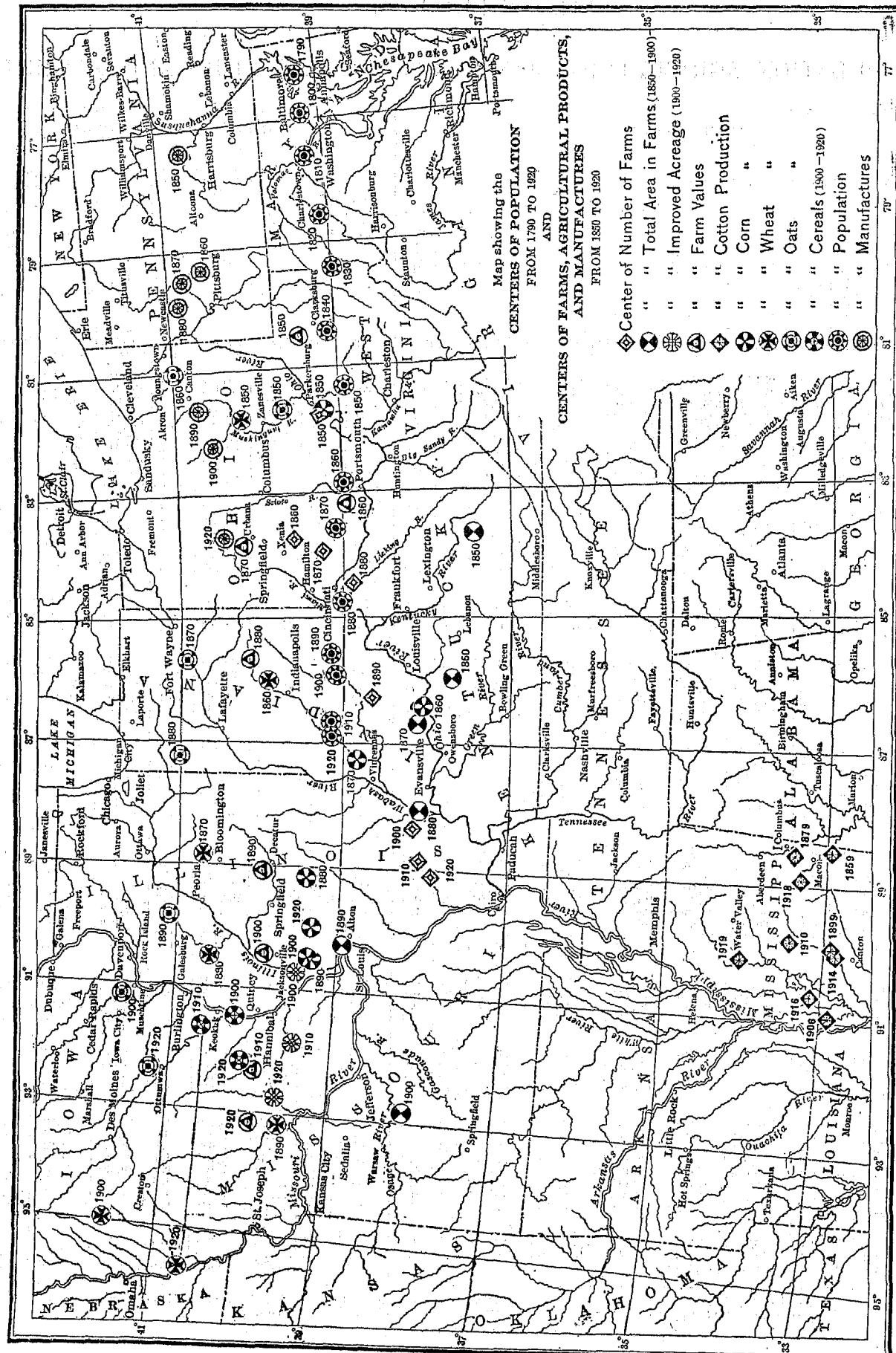
⁴ These include forest products of farms valued (for the United States) at \$394,321,828, nursery products valued at \$20,434,389, and greenhouse products valued at \$77,880,230.

STATE COMPENDIUM.

5

FOR POPULATION, AGRICULTURE, MANUFACTURES, AND MINES AND QUARRIES.

Number of estab- lish- ments.	MANUFACTURES.*								MINES AND QUARRIES.*									
	AVERAGE NUMBER OF WAGE EARNERS.				Wages.	Cost of materials.	VALUE OF PRODUCTS.		Num- ber of estab- lish- ments.	Num- ber of mines and quar- ries.	Num- ber of wells.	AVERAGE NUM- BER OF WAGE EARNERS. ^b		Wages.	VALUE OF PRODUCTS.			
	Total.	Rank.	Per cent dis- tri- bu- tion.	Male.			Amount.	Per cent dis- tri- bu- tion.				Total.	Per cent dis- tri- bu- tion.		Amount.	Per cent dis- tri- bu- tion.		
	Expressed in thousands.																	
290,105	9,096,372	...	100.0	7,267,030	1,829,342	Dollars. 10,533,400	Dollars. 37,376,380	Dollars. 62,418,079	...	100.0	21,280	13,844	257,673	981,560	100.0	Dollars. 1,295,936	Dollars. 3,158,464	100.0 1
25,528	1,351,380	3	14.9	955,597	395,792	1,436,435	3,951,908	7,183,071	3	11.5	302	334	7,213	0.7	8,034	18,724	0.6 2	
88,360	2,872,053	1	31.6	2,179,258	693,395	3,484,931	11,424,098	19,864,778	1	31.8	6,604	3,870	91,511	34.0	455,108	853,391	27.0 3	
61,332	2,386,618	2	26.3	2,030,024	366,594	2,092,931	10,621,687	17,737,480	2	28.4	3,772	2,324	54,413	190,011	19.4	237,333	480,483	15.2 4
29,166	499,635	5	5.5	408,369	91,266	546,172	3,778,125	5,187,065	4	8.3	1,270	12,601	62,253	6.3	84,288	280,111	8.9 5	
29,976	817,212	4	9.0	658,092	159,120	778,027	2,596,265	4,455,152	5	7.1	2,284	1,970	27,363	129,707	13.2	149,276	352,074	11.1 6
14,655	329,220	7	3.6	286,147	43,079	298,711	977,824	1,642,391	8	2.6	1,405	1,475	5,223	90,612	9.2	88,768	181,045	5.8 7
13,909	285,244	8	3.1	201,967	23,277	293,022	1,547,994	2,277,801	7	3.6	2,821	495	50,087	60,936	6.3	88,445	490,727	15.5 8
7,612	103,216	9	1.2	101,858	7,358	141,902	610,239	922,676	9	1.5	1,508	1,593	1,183	81,519	8.3	131,192	321,325	10.2 9
19,667	435,179	6	4.8	385,718	40,461	581,269	1,868,242	3,157,610	6	5.1	858	502	9,197	25,134	2.6	40,207	178,984	5.7 10
2,995	88,651	24	1.0	68,530	20,121	94,225	254,569	456,822	28	0.7	50	51	979	0.1	1,052	1,824	0.1 11	
1,499	83,074	25	0.9	57,667	25,407	70,320	239,528	407,205	29	0.7	30	33	682	0.1	825	1,568	(*) 12	
1,790	33,491	37	0.4	28,613	4,878	34,084	95,173	168,108	38	0.3	93	109	2,936	0.3	3,041	8,555	0.3 13	
11,906	713,836	4	7.8	490,006	223,830	766,623	2,260,713	4,011,182	5	6.4	74	79	1,704	0.2	2,089	4,176	0.1 14	
2,466	139,666	15	1.5	89,734	49,081	137,495	415,980	747,323	19	1.2	14	15	369	(*)	200	562	(*) 15	
4,372	292,672	8	3.2	221,047	71,625	324,682	685,937	1,392,432	12	2.2	41	47	543	0.1	647	1,649	0.1 16	
49,330	1,228,130	1	13.5	876,680	351,450	1,458,207	4,948,214	8,807,005	1	14.2	700	147	14,186	0,202	0.6	7,497	25,131	0.8 17
11,057	508,686	6	5.6	388,419	120,287	600,658	2,270,473	8,672,065	6	5.9	97	102	4,576	0.5	5,393	9,309	0.3 18	
27,373	1,135,887	2	12.5	914,159	221,678	1,406,066	4,210,400	7,315,703	2	11.7	5,807	3,621	77,325	323,397	32.9	445,218	819,451	25.9 19
16,125	780,733	3	8.0	625,608	105,065	944,652	2,911,948	5,100,309	4	8.2	2,283	1,064	35,440	40,298	5.0	58,110	134,510	4.3 20
7,916	277,580	9	3.1	235,805	41,775	317,043	1,174,950	1,808,753	9	3.0	503	398	2,456	26,751	2.7	39,193	52,840	1.7 21
18,593	653,114	5	7.2	527,205	125,909	801,087	3,488,271	5,425,245	3	8.7	772	590	70,123	8.1	94,179	178,678	5.7 22	
8,305	471,242	7	5.2	417,708	53,534	639,708	1,919,243	3,406,188	7	5.6	122	165	31,292	3.2	50,406	103,870	3.3 23	
10,393	263,949	10	2.9	223,638	40,311	290,441	1,127,275	1,846,084	10	3.0	92	107	8,547	0.4	4,750	10,581	0.3 24	
6,225	115,623	19	1.3	96,704	18,019	127,107	883,000	1,218,130	13	2.0	135	196	17,265	1.8	29,383	180,390	4.1 25	
5,688	80,551	27	0.9	68,080	12,471	90,117	520,241	745,473	20	1.2	198	226	11,274	1.1	12,467	18,147	0.6 26	
8,592	195,037	12	2.1	147,635	47,402	196,515	1,056,457	1,504,508	11	2.5	468	404	14,857	1.5	16,777	33,366	1.1 27	
894	4,472	48	(*)	4,136	330	5,401	44,490	57,374	47	0.1	79	79	774	0.1	1,029	1,927	0.1 28	
1,414	6,382	46	0.1	5,710	603	7,905	42,980	62,171	46	0.1	23	28	1,785	0.2	2,497	5,314	0.2 29	
2,384	30,521	35	0.4	31,275	5,246	46,007	480,774	506,042	24	1.0	9	9	162	(*)	166	298	(*) 30	
3,474	61,049	31	0.7	54,820	6,229	73,060	750,088	913,667	16	1.5	814	238	12,000	16,136	1.6	21,949	90,388	2.9 31
668	29,035	39	0.3	24,744	4,201	37,265	85,433	165,073	40	0.3	7	8	116	(*)	136	244	(*) 32	
4,937	140,342	14	1.5	104,977	35,365	147,507	549,347	873,945	17	1.4	126	161	5,028	0.6	6,152	9,699	0.3 33	
595	10,482	43	0.1	9,193	1,289	13,189	30,940	68,826	45	0.1	3	3	12	(*)	8	16	(*) 34	
5,603	119,352	18	1.3	99,353	19,998	120,007	371,541	643,512	23	1.0	202	216	14,547	1.5	10,108	29,363	0.9 35	
2,785	83,036	26	0.9	74,684	8,352	101,941	270,941	471,971	27	0.8	1,714	1,325	27,363	100,812	10.3	118,678	205,607	9.3 36
5,999	157,689	13	1.7	110,391	41,268	120,680	526,906	943,808	15	1.5	102	106	1,890	0.2	1,489	2,736	0.1 37	
2,004	79,450	28	0.9	60,800	18,650	62,566	227,986	381,453	32	0.6	20	20	933	0.1	680	1,351	(*) 38	
4,803	123,441	17	1.4	99,282	24,159	101,180	440,490	606,237	21	1.1	74	82	2,307	0.2	2,017	4,082	0.1 39	
2,582	74,415	29	0.8	68,668	5,747	67,433	92,680	218,327	35	0.3	36	55	3,372	0.3	3,108	8,076	0.3 40	
3,957	69,340	30	0.8	58,584	10,758	67,034	235,715	395,660	31	0.6	938	894	5,214	43,563	4.4	49,551	98,487	3.1 41
4,589	95,167	23	1.0	78,187	18,980	81,355	343,767	556,253	25	0.9	208	203	14,470	1.5	12,987	23,292	0.7 42	
3,654	107,159	21	1.2	96,783	10,376	90,068	300,664	492,731	26	0.8	284	348	32,379	3.3	36,230	59,366	1.0 43	
2,455	.57,500	33	0.6	54,603	2,907	51,256	96,678	197,747	37	0.3	(7)	203	4,231	0.4	4,231	18,054	0.6 44	
3,123	49,954	34	0.5	47,838	2,110	47,186	102,813	200,313	36	0.3	126	126	124	3,030	0.4	4,573	8,404	0.3 45
2,617	92,265	22	1.1	82,259	10,008	92,406	431,404	676,199	22	1.1	137	4	2,479	5,228	0.5	7,505	40,017	1.3 46
2,445	29,503	38	0.3	21,646	1,867	35,026	312,606	401,363	30	0.6	1,934	284	44,735	33,914	3.5	40,509	231,923	8.9 47
5,724	107,522	20	1.2	98,224	9,208	116,404	701,171	989,990	14	1.6	624	81	8,749	18,164	1.9	29,558	100,378	5.1 48
1,290	17,160	41	0.2	16,608	552	24,743	122,152	166,664	39	0.3	259	209	28	16,129	1.6	25,724	49,924	1.6 49
922	13,917	42	0.2	13,445	472	18,547	43,949	80,511	44	0.1	82	83	1,034	9,698	1.0	14,576	41,929	1.3 51
576	6,634	45	0.1	6,545	99	11,189	42,250	81,445	43	0.1	106	87	1,034	9,698	1.0	14,576	41,929	1.3 52
2,631	35,254	36	0.4	31,902	3,352	42,375	174,870	275,622	34	0.4	477	523	70	16,790				



—The centers for manufactures and for all crops except cotton are based on data for the year preceding the census year indicated on the map; for the centers of cotton production the exact dates are shown on the map.

NORTH DAKOTA.

NUMBER AND DISTRIBUTION OF INHABITANTS.

Population of the state.—According to the Fourteenth Census, taken as of January 1, 1920, the population of North Dakota is 646,872, which represents an increase of 69,816, or 12.1 per cent, since 1910. During the same period the population of the United States increased by 14.9 per cent. The following summary shows the population of North Dakota

from 1890 to 1920, inclusive, together with the number and per cent of increase for each decade, in comparison with the per cent of increase for the United States as a whole. The population of that part of Dakota territory which now constitutes the state of North Dakota was 36,909 in 1880 and 2,405 in 1870.

POPULATION OF NORTH DAKOTA: 1890 TO 1920.

CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1920.....	646,872	69,816	12.1	14.9
1910.....	577,056	257,910	80.8	21.0
1900.....	319,146	128,163	67.1	20.7
1890.....	190,983	.....	.....	.....

Counties.—North Dakota has 53 counties, 4 of which (Golden Valley, Grant, Sioux, and Slope) have been organized from parts of 2 others (Billings and Morton) since 1910. Of the remaining 47 counties whose boundaries have remained unchanged, 37 show increases and 10 decreases as compared with 1910. (See Table 1.) Because of the changes in area due to the organization of the new counties it has been necessary, in preparing the accompanying maps, showing rates of increase or decrease in total and rural population, to combine Grant, Morton, and Sioux Counties and to combine Billings, Golden Valley, and Slope Counties.

HISTORICAL NOTE.—The name Dakota was originally that of an Indian nation which inhabited the region now comprising North Dakota and adjacent states. The word signifies "friends, allies, or confederates."

The first authentic exploration within the present limits of North Dakota was made in 1738 when the French explorers, De la Verendrye and his sons, attempted to reach the Pacific Ocean. In 1804 and 1806 the United States Government exploring expedition under Lewis and Clark passed through the Dakota country by way of the Missouri River. British subjects had trading posts in this region early in the nineteenth century, and in 1810 Lord Selkirk, considering it British territory, built a fort near Pembina. Shortly afterward a colony was planted here under a grant from the Hudson Bay Company. In 1823 the United States discovered that this place was within its borders, and raised the American flag over it.

That part of North Dakota lying west and southwest of the drainage basin of the Red River of the North was originally a part of the vast area known as Louisiana, which was ceded by France to Spain in 1762, retroceded in 1800, and purchased by the United States in 1803. It belonged successively to the district of Louisiana (1804-5), the territory of Louisiana (1805-1812), and the territory of Missouri (1812-1834). That portion of the state lying within the drainage basin of the Red River of the North, which was included within the original area of the United States, formed a part of the Territory Northwest of the Ohio River from 1787 to 1800, of the territory of Indiana from 1800 to 1809, of the territory of Illinois from 1809 to 1818, and of the territory of Michigan from 1818 to 1836. In 1834 the western limits of Michigan had been extended westward to the Missouri and White Earth Rivers,

Density of population.—The total land area of the state is 70,183 square miles. The average number of inhabitants to the square mile in 1920 is 9.2 (see Table 1), as against 8.2 in 1910 and 4.5 in 1900.

Minor civil divisions.—The political units into which the counties are divided are collectively termed "minor civil divisions." The counties of North Dakota are made up of 2,119 primary divisions, comprising 1,268 civil townships, 297 unorganized townships (including 5 for which no population was reported in 1920), 212 school townships, 32 school districts, 18 election precincts, 92 cities, 198 villages, and 2 towns. The only

and that part of the present area of the state lying east of these rivers belonged successively to Michigan territory from 1834 to 1836, to Wisconsin territory from 1836 to 1838, to Iowa territory from 1838 to 1849, and to Minnesota territory from 1849 to 1858. The area between the Missouri and White Earth Rivers and the present western boundary of North Dakota formed a part of the "Indian Country" from 1834 to 1854, and in the latter year was included in the territory of Nebraska.

Upon the admission of the state of Minnesota in 1858, the region lying between that state and the Missouri and White Earth Rivers was left without legal name or existence, and it so remained until March, 1861, when the territory of Dakota was organized. At this time Dakota extended from the Keyapaha, Niobrara, and Missouri Rivers and the forty-third parallel to the Canadian boundary and from Minnesota to the Rocky Mountains, thus including the area now comprising most of Montana and nearly half of Wyoming. In 1863, when Idaho territory was formed, the region between the Rocky Mountains and the present western boundaries of North and South Dakota was included. Most of the present area of Wyoming was transferred from Idaho to Dakota in 1864, and continued a part of the latter territory until 1868, when Wyoming territory was organized. In 1882 a small triangular tract of land lying south of the forty-third parallel and west of the Missouri River was transferred from Dakota to Nebraska.

At the election of November, 1887, the question of the division of Dakota territory into two states was submitted to the people and was carried at the polls. The two Dakotas were admitted to the Union in November, 1889, by the same act of Congress, as the thirty-ninth and fortieth states. The boundaries of North Dakota have remained unchanged since its admission.

POPULATION—NORTH DAKOTA.

secondary divisions are Hamilton and Neche villages, in Pembina County, each of which forms a part of the township in which it is located. In addition to these minor civil divisions, there are in the state 2 Indian reservations—Fort Berthold and Turtle Mountain—which, although independent of the county organizations, have been treated as forming parts of the counties in which located. (See Table 2.)

Cities.—North Dakota has 92 cities, of which Fargo, with a population of 21,961, is the largest. (See Tables 3 and 4.)

The following summary shows, for each city having 5,000 or more inhabitants in 1920, the population at each census for which figures are available, together with the number and per cent of increase during the preceding decade:

POPULATION OF PRINCIPAL CITIES FROM EARLIEST CENSUS TO 1920.

[A minus sign (—) denotes decrease.]

CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.	
		Number.	Per cent.			Number.	Percent.
Bismarck:				Grand Forks:			
1920.....	7,122	1,679	30.8	1920.....	14,010	1,532	12.3
1910.....	5,443	2,124	64.0	1910.....	12,478	4,826	63.1
1900.....	3,319	1,133	61.8	1900.....	7,652	2,673	53.7
1890.....	2,186	428	24.3	1890.....	4,979	3,274	192.0
1880.....	1,758	.....	.....	1880.....	1,705	.....	.....
Devils Lake:				Jamestown:			
1920.....	5,140	-17	-0.3	1920.....	6,027	2,269	52.1
1910.....	5,157	3,428	198.3	1910.....	4,358	1,505	52.8
1900.....	1,729	883	104.4	1900.....	2,853	557	24.3
1890.....	846	.....	.....	1890.....	2,296	1,003	48.2
1880.....	.....	.....	.....	1880.....	393	.....	.....
Fargo:				Minot:			
1920.....	21,961	7,630	53.2	1920.....	10,476	4,288	69.3
1910.....	14,831	4,742	49.5	1910.....	6,188	4,911	384.6
1900.....	9,580	3,925	69.3	1900.....	1,277	702	122.1
1890.....	5,664	2,971	110.3	1890.....	575	.....	.....
1880.....	2,693	.....	.....		

Urban and rural population.—The Census Bureau defines urban population as that residing in cities and other incorporated places having 2,500 inhabitants or more, and rural population as that residing outside such incorporated places.

The following summary presents, for the last three censuses, figures showing the urban and rural population of the state distributed among places grouped according to specified limits of population. The classification for each census is based upon the popu-

lation of the various places as shown by the returns of that census. Consequently the territory comprised within any one class of cities or that designated as urban or as rural does not remain fixed, because any given place may, through the growth or the decline of its population, pass from one class to another at successive censuses. The proportion of the population of North Dakota living in places of 2,500 or more increased from 7.3 per cent in 1900 to 11 per cent in 1910 and to 13.6 per cent in 1920.

URBAN AND RURAL POPULATION: 1920, 1910, AND 1900.

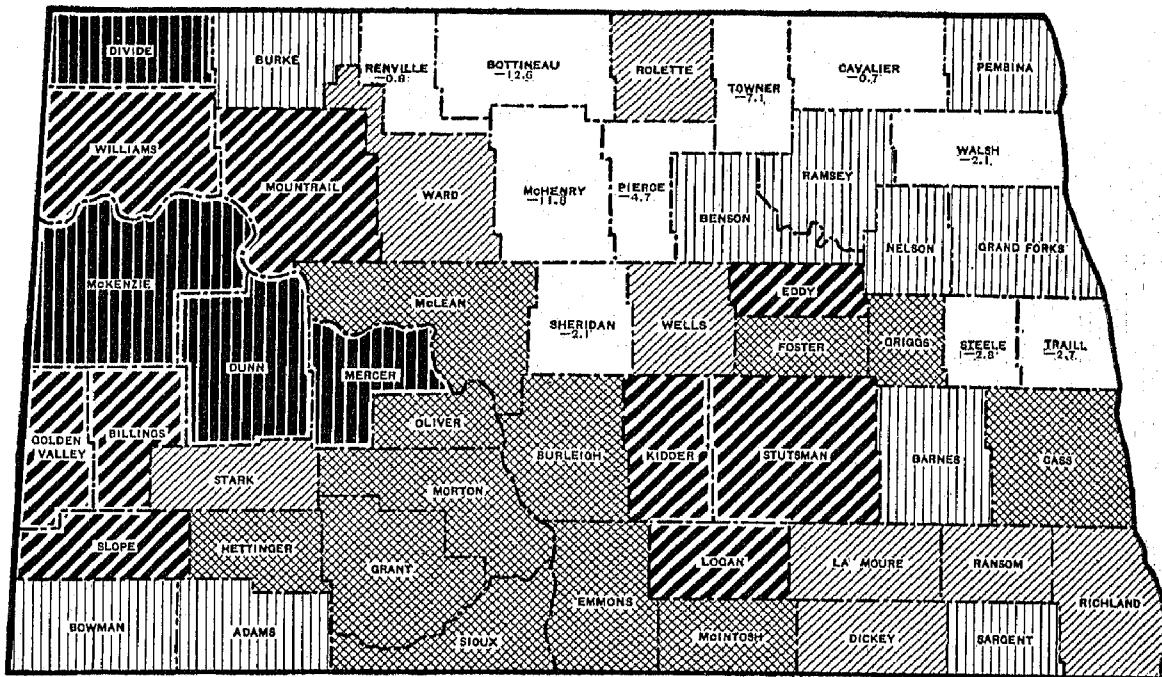
CLASS OF PLACES.	1920		1910		1900		PER CENT OF TOTAL POPULATION.		
	Number of places.	Population.	Number of places.	Population.	Number of places.	Population.	1920	1910	1900
							1920	1910	1900
Total population.....	.....	646,872	.....	577,056	.....	319,146	100.0	100.0	100.0
Urban territory.....	12	88,239	10	63,236	4	23,413	13.6	11.0	7.3
Cities of—									
10,000 inhabitants or more.....	3	46,447	2	26,809	—	—	7.2	4.6	—
5,000 to 10,000 inhabitants.....	3	13,889	3	16,788	2	17,241	2.9	2.9	5.4
2,500 to 5,000 inhabitants.....	6	22,903	5	19,639	2	6,172	8.5	3.4	1.9
Rural territory.....									
Cities, towns, and villages of less than 2,500 inhabitants.....	282	558,633	203	513,820	71	295,733	86.4	89.0	82.7
Other rural territory.....		126,708	1,203	1,98,261	71	47,735	19.6	17.0	15.0
		431,925		415,559		247,998	66.8	72.0	77.7

¹ Corrected figures.

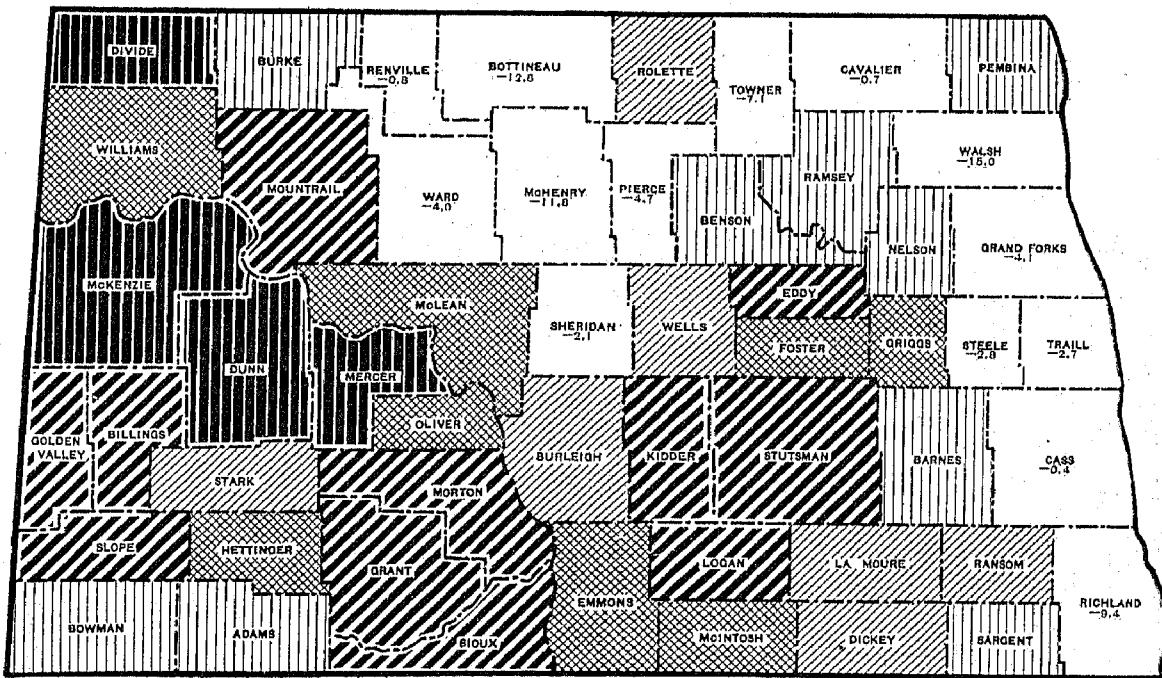
PER CENT OF INCREASE OR DECREASE OF POPULATION OF NORTH DAKOTA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



RURAL POPULATION.



INCREASE

**DECREASE
PER CENT INSERTED**

 LESS THAN 5 PER CENT

CEBS THAN Q PER

15 TO 25 PER CENT

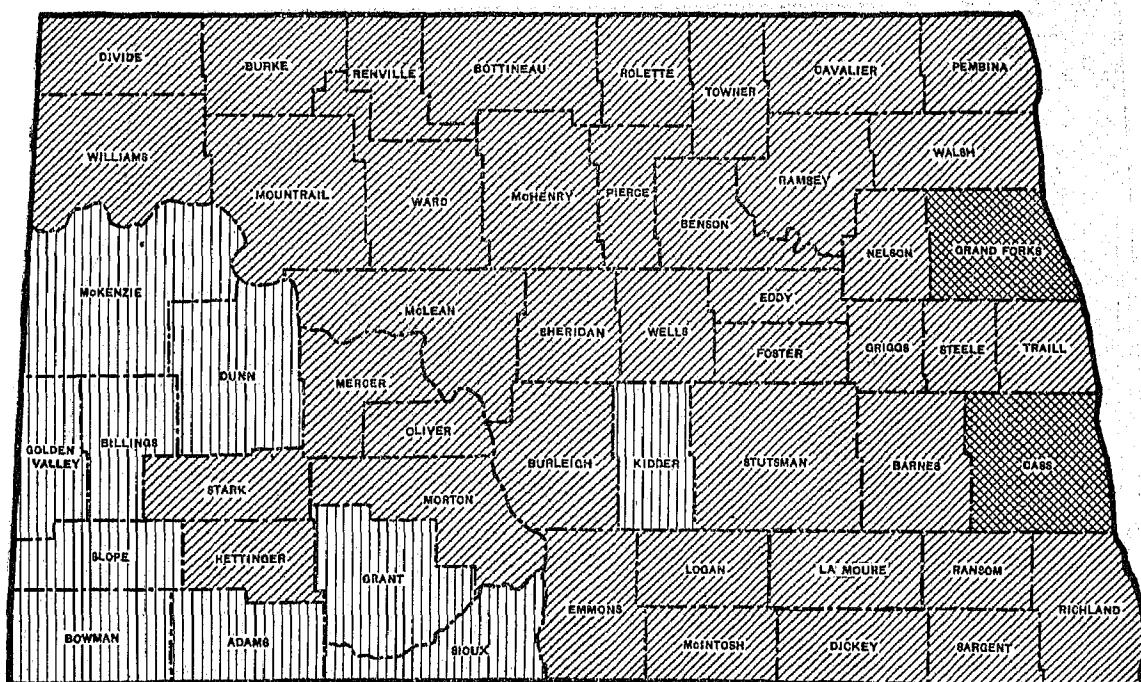
15 TO 25 PER CENT

60 PER CENT AND OVER

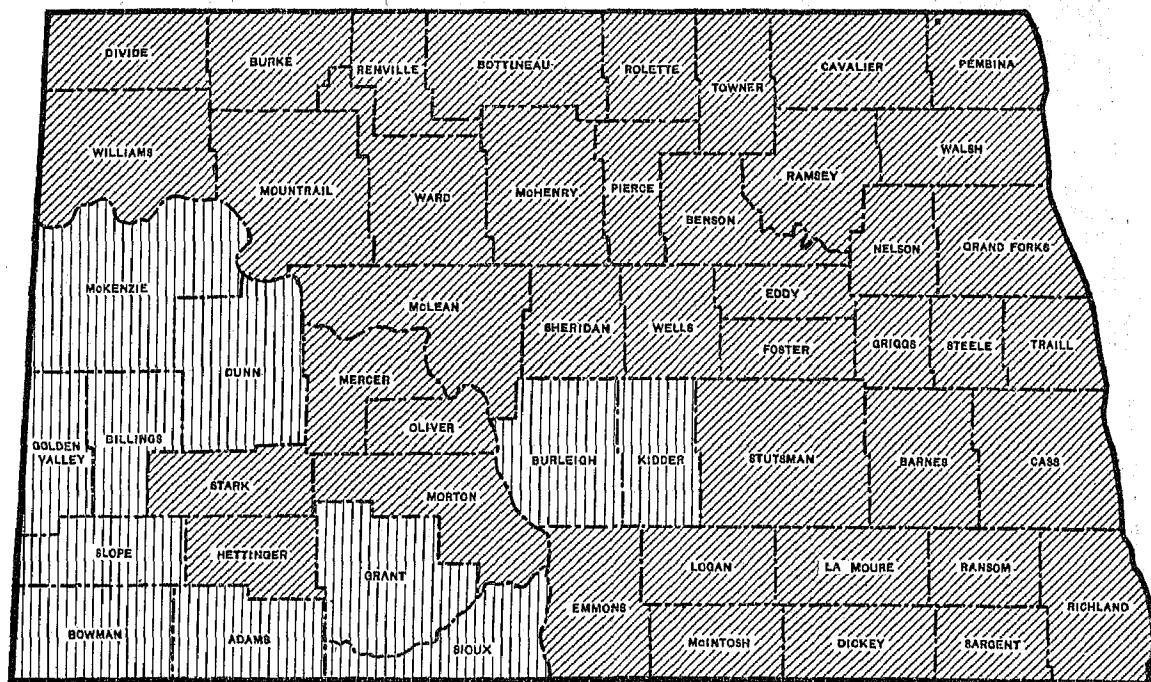
DENSITY OF POPULATION OF NORTH DAKOTA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE



LESS THAN 2



6 TO 18



45 TO 90



2 TO 6



18 TO 45



90 AND OVER

NUMBER AND DISTRIBUTION.

11

TABLE 1.—AREA AND POPULATION OF COUNTIES: 1870 TO 1920.

[In computing the increase from 1890 to 1900 for certain counties, the population of Indian reservations in 1900 has been deducted from the total population of the county in order to make it comparable with the total for 1890, which does not include the population of Indian reservations. The deductions thus made for the several counties are as follows: Benson, 1,268; McLean, 998; Mercer, 40; Morton, 2,308; Rolette, 2,993.]

[A minus sign (—) denotes decrease.]

COUNTY.	Land area in square miles: 1920.	POPULATION.							Per cent of increase.		
		1920		1910	1900	1890	1880	1870			
		Total.	Per square mile.					1910 to 1920.	1900 to 1910.	1890 to 1900.	
North Dakota ¹	70,183	646,872	9.2	577,056	319,146	1 190,983	1 38,909	1 2,405	12.1	80.8	67.1
Adams ¹	997	5,593	5.6	5,407	.....	.....	.....	.....	3.4	.....	.....
Barnes ¹	1,510	18,678	12.4	18,066	13,159	7,045	1,585	.....	3.4	37.3	86.8
Benson ¹	1,364	13,095	9.6	12,681	8,320	2,460	.....	.....	3.3	52.4	186.7
Billings ¹	1,168	3,120	2.7	10,180	975	170	1,323	.....	-69.3	044.7	473.5
Bottineau ¹	1,681	15,109	9.0	17,205	7,532	2,893	.....	.....	-12.0	120.6	160.4
Bowman ¹	1,104	4,708	4.1	4,668	.....	6	.....	.....	2.1	.....	.....
Burke ¹	1,113	9,511	8.5	9,064	.....	.....	.....	.....	4.9	.....	.....
Burleigh ¹	1,051	15,578	9.4	13,087	6,081	4,247	3,246	.....	19.0	115.2	43.2
Cass ¹	1,703	41,477	23.5	33,935	28,625	19,618	8,998	.....	22.2	18.0	45.9
Cavalier ¹	1,404	15,555	10.4	15,659	12,580	6,471	.....	.....	-0.7	24.5	94.4
Dickey ¹	1,142	10,499	9.2	9,839	6,061	5,573	.....	.....	6.7	62.3	8.8
Divide ¹	1,270	9,637	7.6	8,015	.....	.....	.....	.....	60.2	.....	.....
Dunn ¹	2,084	8,828	4.2	5,302	.....	159	.....	.....	60.5	.....	.....
Eddy ¹	651	6,493	10.0	4,800	3,330	1,377	.....	.....	35.3	44.1	141.8
Emmons ¹	1,503	11,288	7.2	9,796	4,349	1,971	38	.....	15.2	125.2	120.6
Foster ¹	644	6,108	9.5	5,313	3,770	1,210	37	.....	15.0	40.9	211.6
Golden Valley ¹	1,013	4,832	4.8	.....	.....	.....	.....	.....	.....	.....	.....
Grand Forks ¹	1,433	28,795	20.1	27,888	24,469	18,357	6,248	.....	3.8	14.0	33.2
Grant ¹	1,081	9,553	5.7	.....	.....	.....	.....	.....	.....	.....	.....
Griggs ¹	717	7,402	10.3	6,274	4,744	2,817	.....	.....	18.0	32.3	68.4
Hettinger ¹	1,132	7,685	6.8	6,557	.....	.....	.....	.....	17.2	.....	.....
Kidder ¹	1,336	7,708	5.6	5,062	1,754	1,211	89	.....	30.8	230.9	44.8
La Moure ¹	1,147	11,564	10.1	10,724	6,048	3,187	20	.....	7.8	77.3	80.8
Logan ¹	997	7,723	7.7	6,108	1,125	597	.....	.....	25.2	279.6	172.2
McHenry ¹	1,888	15,544	8.2	17,627	5,263	1,584	.....	.....	-11.8	235.6	231.6
McIntosh ¹	1,003	9,010	9.0	7,251	4,818	3,248	.....	.....	24.3	50.5	48.3
McKenzie ¹	2,847	9,544	3.4	8,720	.....	3	.....	.....	60.9	.....	.....
McLean ¹	2,305	17,266	7.5	14,496	4,791	800	.....	.....	19.1	202.6	341.0
Mercer ¹	1,110	8,224	7.4	4,747	1,778	428	.....	.....	73.2	187.0	306.1
Morton ¹	1,047	18,714	9.6	25,289	2,10,277	5,239	200	.....	-20.0	140.1	54.0
Mountrain ¹	1,914	12,140	6.3	8,491	.....	.....	.....	.....	43.0	.....	.....
Nelson ¹	981	10,362	10.6	10,140	7,816	4,203	.....	.....	2.2	38.6	70.4
Oliver ¹	720	4,425	6.1	3,677	990	464	.....	.....	23.7	201.3	113.4
Pembina ¹	1,117	15,177	13.6	14,749	17,869	14,334	4,862	1,213	2.0	-17.5	24.7
Pierce ¹	1,055	9,283	8.8	8,740	4,765	905	.....	.....	-4.7	104.4	426.5
Ramsey ¹	1,205	15,427	12.8	15,199	9,198	4,418	281	.....	1.5	65.2	108.2
Ransom ¹	860	11,618	13.5	10,346	6,910	5,393	537	.....	12.3	49.5	28.3
Renville ¹	899	7,776	8.6	7,840	.....	.....	.....	.....	-0.8	.....	.....
Richland ¹	1,437	20,887	14.5	19,659	17,387	10,751	3,597	.....	6.2	13.1	61.7
Rolette ¹	918	10,061	11.0	9,558	7,995	2,427	.....	.....	5.3	19.5	130.8

1 CHANGES IN BOUNDARIES, ETC.

THE STATE.—Totals include population as follows: For 1890—of Indian reservations specially enumerated, not distributed by counties (8,284); of Buford and Flannery Counties (375), taken to form Williams County between 1890 and 1900; of Church, Garfield, Mountainlair, Stevens, and Wallace Counties and old Hettinger, old Renville, old Sheridan, and old Williams Counties (503), annexed to other counties between 1890 and 1900. For 1890—of Mountrain, Stevens, and old Williams Counties (274), annexed to other counties between 1890 and 1900; of Howard (12), taken to form Allred, Dunn, McKenzie, and Wallace; and of Wallote (432), taken to form Buford and Flannery between 1890 and 1890. For 1870—of unorganized territory within present limits of North Dakota (1,192). Figures for 1890 and 1870 relate to that part of Dakota territory which now constitutes North Dakota.

ADAMS.—Organized from part of Stark, comprising part of old Hettinger, in 1897.

BARNES.—Organized from part of Burbank in 1875.

BENSON.—Organized from parts of De Smet (name changed from French in 1875,) and Ramsey in 1883.

BILLINGS.—Formed from unorganized territory in 1879; organized, and part taken to form old Bowman, in 1883; old Bowman, old McLean, and Allred annexed in 1897; part taken to form part of McLean in 1905; parts taken to form Bowman in 1907, Golden Valley in 1912, and Slope in 1915.

BOTTINEAU.—Organized from part of Buffalo County, Dakota territory, in 1873; part annexed to McHenry in 1887; part of old Renville annexed in 1897.

BOWMAN.—Old Bowman formed from part of Billings in 1883 and annexed to Billings in 1897.

BURKE.—Organized from part of Ward in 1910.

BURLEIGH.—Organized from part of Buffalo County, Dakota territory, in 1873; parts of Mercer and Morton annexed in 1875; parts taken to form Emmons in 1878, and part of Oliver in 1885; part annexed to Morton in 1887.

CASS.—Organized from part of Pembina in 1873; part taken to form part of Traill in 1875.

CAVALIER.—Organized from part of Pembina in 1873; part taken to form part of Towner in 1883.

DICKIE.—Organized from part of La Moure in 1881.

DIVIDE.—Organized from part of Williams in 1910.

DUNN.—Old Dunn formed from part of Howard in 1883 and annexed to Stark in 1897. Dunn organized from parts of Mercer and Stark in 1908.

EDDY.—Organized from part of Foster in 1885.

EMMONS.—Formed from part of Burleigh in 1879; organized in 1883.

FOSTER.—Organized from part of Pembina in 1873; parts taken to form Eddy in 1885, part of Griggs in 1881, and part of Nelson in 1883.

GOLDEN VALLEY.—Organized from part of Billings in 1912.

GRAND FORKS.—Organized from part of Pembina in 1873; parts taken to form part of Traill in 1875, part of Walsh in 1881, and part of Nelson in 1883.

GRANT.—Organized from part of Morton in 1916.

GRIGGS.—Organized from parts of Burbank, Foster, and Traill in 1881; part taken to form part of Steele in 1883.

HETTINGER.—Old Hettinger formed from part of Stark in 1883; annexed to Stark in 1897. Hettinger organized from part of Stark in 1907.

KIDDER.—Organized from part of Buffalo County, Dakota territory, in 1873.

LA MOURE.—Organized from part of Pembina in 1873; part taken to form Dickey in 1881.

LOGAN.—Organized from part of Buffalo County, Dakota territory, in 1873; part taken to form McIntosh in 1883.

MCHENRY.—Organized from part of Buffalo County, Dakota territory, in 1873; part of Bottineau annexed, and part taken to form part of Church in 1887; part of Church annexed between 1890 and 1900.

MCINTOSH.—Organized from part of Logan in 1883.

MCKENZIE.—Old McKenzie formed from part of Howard in 1883 and annexed to Billings in 1897. McKenzie organized from parts of Billings and Stark (comprising the unorganized counties of Allred, McKenzie, and Wallace) in 1905.

MCLEAN.—Organized from part of Stevens in 1883; Garfield, old Sheridan, and parts of Church and Stevens annexed between 1890 and 1900; part taken to form Sheridan in 1909.

MERCER.—Organized from unorganized territory in 1875; part annexed to Burleigh in 1875; part taken to form part of Oliver in 1888; part of old Williams annexed between 1890 and 1900; part taken to form part of Dunn in 1908.

MORTON.—Organized from unorganized territory in 1873; part annexed to Burleigh in 1875, and part of Burleigh annexed in 1887; parts taken to form Sioux (comprising Standing Rock Indian Reservation) in 1914, and Grant in 1916.

MOUNTRAIN.—Old Mountrain organized from part of Buffalo County, Dakota territory, in 1873 annexed to Ward in 1891; Mountrain organized from part of Ward in 1909.

NELSON.—Organized from parts of Foster, Grand Forks, and Ramsey in 1883.

OLIVER.—Organized from parts of Burleigh and Mercer in 1885.

PEMBINA.—Chippewa and Kittson annexed in 1871; parts taken to form Burbank, Cass, Cavalier, Foster, Grand Forks, Ramsey, Ransom, Richland, and parts of La Moure and Stutsman in 1873 and part of Walsh in 1881.

PIERCE.—Organized from part of De Smet in 1887; part of Church annexed between 1890 and 1900.

RAMSEY.—Organized from part of Pembina in 1873; parts taken to form parts of Benson and Nelson in 1883.

RANSOM.—Organized from part of Pembina in 1873; part taken to form part of Sargent in 1883.

RENNYVILLE.—Old Renville formed from part of Buffalo County, Dakota territory, in 1873; part taken to form part of Ward in 1885, and parts annexed to Bottineau and Ward in 1897. Renville organized from part of Ward in 1910.

RICHLAND.—Organized from part of Pembina in 1873; part of Sisseton and Wahpeton Indian Reservation annexed in 1883.

ROLETTE.—Organized from part of Buffalo County, Dakota territory, in 1873; part taken to form part of Towner in 1883.

*Includes population (2,208) of that part of Standing Rock Indian Reservation in North Dakota, not returned by counties in 1900.

**Includes population (611) of Fort Yates and that part of Standing Rock Indian Reservation in North Dakota, not returned by counties in 1890.

POPULATION—NORTH DAKOTA.

TABLE 1.—AREA AND POPULATION OF COUNTIES: 1870 TO 1920—Continued.

[In computing the increase from 1890 to 1900 for certain counties, the population of Indian reservations in 1900 has been deducted from the total population of the county in order to make it comparable with the total for 1890, which does not include the population of Indian reservations. The deductions thus made for the several counties are as follows: Benson, 1,268; McLean, 998; Mercer, 40; Morton, 2,208; Rolette, 2,393.]

[A minus sign (—) denotes decrease.]

COUNTY.	Land area in square miles: 1920.	POPULATION.						Per cent of increase.		
		1920		1910	1900	1890	1880	1870	1910 to 1920.	1900 to 1910.
		Total.	Per square mile.							
Sargent ¹	855	9,655	11.3	9,202	6,039	5,076	—	—	4.9	52.4
Sheridan ¹	996	7,935	8.0	8,103	—	—	—	—	-2.1	—
Sioux ¹	1,114	8,308	2.0	—	—	—	—	—	—	—
Slope ¹	1,223	4,940	4.0	—	—	—	—	—	—	—
Stark ¹	1,366	13,542	10.0	12,604	7,621	2,804	—	—	8.3	64.1
Steele ¹	717	7,401	10.3	7,616	5,888	3,777	—	—	-2.8	29.3
Stutsman ¹	2,282	24,575	10.8	18,189	9,143	5,268	1,007	—	35.1	98.9
Towner ¹	1,037	8,327	8.0	8,903	6,491	1,450	—	—	-7.1	38.1
Trall ¹	865	12,210	14.1	12,645	13,107	10,217	4,128	—	-2.7	-4.3
Walsh ¹	1,282	10,078	14.9	19,491	20,288	16,587	—	—	-2.1	-3.0
Ward ¹	2,054	28,811	14.0	25,281	7,961	1,681	—	—	14.0	217.6
Wells ¹	1,293	12,957	10.0	11,814	8,310	1,212	—	—	9.7	42.2
Williams ¹	2,138	17,980	8.4	14,284	1,530	—	—	—	26.3	830.3

1 CHANGES IN BOUNDARIES, ETC.

SARGENT.—Organized from parts of Ransom County and Sisseton and Wahpeton Indian Reservation in 1883.

SHERIDAN.—Old Sheridan formed from part of Buffalo County, Dakota territory, in 1873; part taken to form part of Church in 1887; annexed to McLean in 1891.

Sheridan organized from part of McLean in 1909.

SIOUX.—Organized from part of Morton County (comprising Standing Rock Indian Reservation) in 1914.

SLOPE.—Organized from part of Billings in 1915.

STARK.—Formed from unorganized territory in 1879; organized, and part taken to form old Hettinger, in 1883; old Dunn, old Hettinger, and Waflace annexed in 1897; parts of old Williams annexed between 1890 and 1900; parts taken to form Adams and Hettinger in 1907, part of Dunn in 1908, and part of McKenzie in 1905.

STEELE.—Organized from parts of Griggs and Traill in 1883.

STUTSMAN.—Organized from parts of Buffalo County, Dakota territory, and Pembina in 1873.

TOWNER.—Organized from parts of Cavalier and Rolette in 1883.

TRAILL.—Organized from parts of Burbank, Cass, and Grand Forks in 1875; parts taken to form part of Griggs in 1881 and part of Steele in 1883.

WALSH.—Organized from parts of Grand Forks and Pembina in 1881.

WARD.—Organized from parts of Stevens and old Renville in 1885; Mountraile annexed in 1894; part of old Renville annexed in 1897; part of Stevens annexed between 1890 and 1900; parts taken to form Mountail in 1909 and Burke and Renville in 1910.

WELLS.—Organized as Gingras from part of Buffalo County, Dakota territory, in 1873. Name changed in 1881.

WILLIAMS.—Organized from Buford and Flannery between 1890 and 1900; part taken to form Divide in 1910.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Adams County.	5,593	5,407	—	Barnes County.	18,678	18,066	13,159
Argonne township ¹ (T. 131, R. 96).	168	—	—	Alta township.	200	222	265
Belsigl township ¹ (T. 131, R. 91).	130	123	—	Anderson township.	249	244	155
Bucyrus township ¹ .	187	315	—	Ashibula township ² (T. 142, R. 58).	201	205	169
Bucyrus village ¹ .	113	—	—	Baldwin township.	238	232	214
Cedar township ¹ (T. 132, R. 96).	128	552	—	Binghampton township.	695	666	509
Cedar Butte township ¹ (T. 131, R. 92).	156	184	—	Brimer township.	210	216	129
Chandler township ¹ (T. 131, R. 94).	132	106	—	Cuba township.	248	233	197
Clemont township ¹ .	200	253	—	Dazey township.	233	256	342
Dakota township ¹ (T. 130, R. 98).	121	173	—	Eckelson township.	293	265	—
Darling Springs township ¹ (T. 132, R. 97).	101	100	—	Edna township ² .	338	327	231
Duck Creek township ¹ (T. 130, R. 95).	165	88	—	Ellsbury township ² .	206	360	263
Gilstrap township.	212	261	—	Lake Town township.	213	240	104
Haynes village ¹ .	118	—	—	Getchell township ² (T. 141, R. 58).	181	207	264
Hettinger city.	817	766	—	Grand Prairie township.	221	188	212
Hettinger township ¹ (T. 129, R. 98).	181	98	—	Green township.	303	277	206
Holden township ¹ (T. 129, R. 97).	123	115	—	Greenland township.	321	343	173
Holt township ¹ (T. 130, R. 96).	190	100	—	Hemen township.	228	179	179
Jordan township ¹ (T. 131, R. 93).	85	117	—	Hobert township.	189	195	239
Kansas City township ¹ (T. 130, R. 94).	202	220	—	Kathryn village ² .	289	—	—
Lemmon township ¹ (T. 131, R. 98).	110	156	—	Lake Town township.	162	153	145
Lightning Creek township ¹ (T. 129, R. 98).	152	—	—	Leal village ² .	88	—	—
Maine township ¹ (T. 132, R. 95).	188	—	—	Litchville village.	523	484	—
North Lemmon township.	232	269	—	Mansfield township.	212	174	186
Orange township.	207	238	—	Marsh township ² (T. 139, R. 58).	216	183	187
Reeder township ¹ (T. 130, R. 98).	216	140	—	Meadow Lake township.	258	194	173
Reeder village.	258	198	—	Minnie Lake township.	216	231	194
Scott township.	168	197	—	Nelson township.	289	299	319
South Fork township ¹ (T. 130, R. 91).	169	244	—	Noitimler township.	254	254	220
Spring Butte township ¹ (T. 130, R. 92).	121	200	—	Nome village.	267	218	—
Taylor Butte township ¹ (T. 131, R. 95).	97	—	—	Norma township.	303	282	303
Whetstone township ¹ (T. 132, R. 98).	76	94	—	Oakhill township ² .	289	572	674
Wolf Butte township.	130	100	—	Oriska township ² .	199	464	322

¹ ADAMS.—Townships organized since 1910: Argonne, Maine, and Taylor Butte from parts of Cedar; Belsigl, Cedar Butte, Chandler, Dakota, Darling Springs, Duck Creek, Hettinger, Holden, Holt, Jordan, Kansas City, Lemmon, South Fork, Spring Butte, and Whetstone, from unorganized territory; Lightning Creek from part of Reeder. Bucyrus village incorporated from part of Bucyrus township and Haynes village from part of Clemont township since 1910.

² BARNES.—For footnote, see following page.

NUMBER AND DISTRIBUTION.

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TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Barnes County—Continued.				Billings County—Continued.			
Rogers township ²	176	338	157	Township 143, range 00.....	119	121	.....
Rogers village ²	173	.....	.....	Township 143, range 100.....	104	37	.....
Rosebud township.....	331	282	143	Township 143, range 101.....	15	27	.....
Sanborn village.....	391	300	259	Township 143, range 102.....	31	11	.....
Sibley Trail township.....	261	208	187	Township 144, range 99.....	90	81	.....
Skandia township.....	288	263	256	Township 144, range 100.....	112	24	.....
Spring Creek township.....	391	332	256	Township 144, range 101.....	11	14	.....
Springvale township.....	271	303	246	Township 144, range 102.....	46	.....	.....
Stewart township.....	205	197	200	Amity township.....	15, 109	17, 295	6, 7, 532
Svea township.....	252	235	128	Antler city.....	184	219	240
Thordenskjold township.....	466	471	534	Antler township.....	205	342	.....
Uxbridge township.....	186	236	200	Bentnick township.....	230	280	14
Valley City.....	4, 036	4, 006	2, 446	Blaine township.....	152	197	113
Weimer township.....	192	188	110	Bottineau city.....	215	245	.....
Wimbledon village.....	521	571	226	Brander township.....	1, 172	1, 381	888
Township 140, range 58.....	236	172	232	Cecil township.....	216	318	111
Benson County.....	13, 095	12, 681	8, 320	Chatfield township.....	281	321	253
Albert township.....	327	207	240	Cordelia township ⁶	169	220	.....
Arne township.....	244	256	.....	Cut Bank township.....	286	264	.....
Aurora township.....	267	287	.....	Dalen township ⁶	235	282	.....
Beaver township.....	211	211	171	Eckman village.....	321	377	324
Brinsmade village.....	101	203	.....	Eidsvold township.....	64	84	.....
Broe township.....	359	236	.....	Homen township.....	397	527	306
Butte Valley township.....	370	242	126	Elms township.....	205	242	.....
East Fork township ⁷	275	300	236	Elysian township.....	300	284	.....
Eldon township.....	251	284	.....	Gardena village.....	99	119	.....
Esmond township.....	269	249	82	Harant township.....	316	424	254
Esmond village.....	343	353	.....	Hastings township.....	162	257	50
Fort Totten township (school).....	343	794	.....	Hoffman township.....	172	104	9
Grahams Island township (school).....	71	95	58	Homen township ⁷	432	295	248
Hesper township.....	317	316	.....	Kane township.....	176	220	.....
Impark township.....	333	239	.....	Kramer village.....	172	181	.....
Iowa township.....	160	158	50	Lansford city.....	337	456	.....
Irvine township.....	186	220	234	Lansford township.....	240	269	.....
Isabel township.....	308	309	155	Lewis township.....	166	232	14
Knox township.....	257	323	421	Lordsburg township.....	175	211	436
Knox village.....	173	330	.....	Maxbass village.....	147	240	.....
Lake Tbsen township.....	189	214	210	Mount Rose township.....	109	239	.....
Lallie township.....	329	152	.....	Newborg township.....	194	264	65
Leeds city.....	704	682	349	Newburg village.....	110	102	.....
Leeds township.....	217	334	344	Oak Creek township.....	218	282	138
Maddock city.....	557	374	.....	Oak Valley township.....	174	188	260
McClellan township.....	203	216	180	Omemece village.....	222	332	.....
Mince township.....	176	128	50	Ostby township.....	259	255	196
Minnewaukan village.....	564	510	432	Overly village.....	193	182	.....
Mission township ⁸	423	72	.....	Peabody township.....	186	218	.....
Normania township.....	273	303	314	Pickering township ⁶	284	317	295
North Viking township.....	252	309	.....	Renville township.....	201	265	75
Oberon township.....	020	470	433	Richburg township.....	275	325	.....
Pleasant Lake township.....	292	350	132	Roland township.....	422	347	401
Rich Valley township.....	187	220	133	Russell village.....	119	161	.....
Riggin township.....	231	232	315	Scandia township.....	351	381	90
Rock township.....	235	200	.....	Scotia township.....	482	365	.....
South Viking township.....	225	310	198	Sergius township.....	270	311	100
Twin Lake township.....	222	259	.....	Sherman township.....	224	266	9
Twin Tree township ⁹	172	157	.....	Souris city.....	269	267	.....
Warwick township ¹⁰	175	261	.....	Starbuck township.....	317	366	.....
Warwick village ¹⁰	290	.....	.....	Stone Creek township.....	227	266	.....
West Antelope township.....	218	239	.....	Tacoma township.....	384	350	.....
West Bay township.....	178	189	.....	Wayne township.....	215	257	117
Wood Lake township.....	401	202	.....	Wellington township.....	225	255	43
York township.....	507	558	305	Westhope city.....	439	592	.....
Billings County ¹¹	3, 126	4, 10, 186	4, 975	Wheaton township.....	144	188	.....
Fryburg township.....	292	288	.....	Whitby township.....	158	180	.....
Hoover township ⁴ (T. 144, R. 98).....	116	41	.....	Whitterton township ⁶	328	266	313
Matteson township ⁴ (T. 138, R. 101).....	42	9	.....	Willow City.....	559	623	476
Medora township ⁴ (T. 140, R. 102).....	260	136	.....	Willow Vale township.....	205	218	393
Pioneer township ⁴ (T. 142, R. 100).....	143	87	.....	Bowman County.....	4, 768	4, 668	.....
Rocky Ridge township ⁴ (T. 137, R. 100).....	72	82	.....	Adeelaide township ⁵ (T. 131, R. 104).....	124	141	.....
Township 137, range 101.....	465	1	.....	Amor township ⁶ (T. 130, R. 103).....	150	51	.....
Township 137, range 102.....	104	90	.....	Bowman township ⁶ (T. 131, R. 102).....	98	63	.....
Township 138, range 100.....	25	56	.....	Boyman village.....	767	481	.....
Township 139, range 102.....	89	25	.....	Boysen township ⁶ (T. 130, R. 101).....	111	179	.....
Township 141, range 98.....	240	198	.....	Buena Vista township ⁶ (frac. T. 132, R. 99).....	94	96	.....
Township 141, range 99.....	227	265	.....	Dale township ⁶ (school) (T. 129, R. 106; frac. T. 129, R. 107).....	79	33	.....
Township 141, range 100.....	103	23	.....	Fischbein township ⁶	111	183	.....
Township 141, range 101.....	64	35	.....	Gascoyne township ⁶	133	292	.....
Township 141, range 102.....	17	7	.....	Gascoyne village.....	60	.....	.....
Township 142, range 98.....	166	242	.....	Gem township ⁶ (T. 130, R. 102).....	72	124	.....
Township 142, range 99.....	273	141	.....	Golden Valley township ⁶ (school) (T. 130, R. 105).....	26	73	.....
Township 142, range 101.....	15	.....	.....	Goldfield township ⁶ (T. 129, R. 100).....	153	213	.....
Township 142, range 102.....	20	21	.....	Grainbelt township ⁶ (frac. T. 132, R. 101).....	64	92	.....
Township 143, range 98.....	175	78	.....	Grand River township ⁶ (T. 129, R. 108).....	132	77	.....

² BARNES.—Ashibula, Getchell, and Marsh townships organized from unorganized territory since 1910. Villages incorporated since 1910: Kathryn from part of Oakhill township; Leal from part of Edna township; Oriska from part of Oriska township; Pillsbury from part of Ellsbury township; Rogers from part of Rogers township.

³ BENSON.—Total for 1910 includes population (62) of Free Peoples school township, annexed to Warwick township since 1910. Total for 1900 includes population (3,183) of Devils Lake Indian Reservation, opened to settlement, and of various townships taken to form other townships between 1900 and 1910. East Fork, Mission, and Twin Tree townships organized from North Fork, Wood Lake, and Lone Tree school townships, respectively, and Warwick village incorporated from part of Warwick township, since 1910.

⁴ BILLINGS.—Total for 1910 includes population (8,000) of townships taken to form Golden Valley and Slope Counties since 1910. County not returned by townships in 1900: Hoover, Matteson, Medora, Pioneer, and Rocky Ridge townships organized from unorganized territory since 1910. Township 137, ranges 101 and 102, not returned separately in 1920.

⁵ BOTTINEAU.—Total for 1900 includes population (1,801) of townships taken to form other townships between 1900 and 1910. Townships organized from school townships since 1910: Cordelia from Toupin; Dalen from Eidsvold; Homen from Loon Lake; Pickering from Vinge and part of Bottineau; and Whitterton from part of Bottineau.

⁶ BOWMAN.—For footnote, see following page.

POPULATION—NORTH DAKOTA.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Bowman County—Continued.				Burleigh County—Continued.			
Haley township ^a (T. 129, R. 99)	140	251		Lincoln township (school).....	65	640	208
Hart township ^a (T. 131, R. 103)	92	95		Logan township.....	90	92	82
Langberg township ^a (T. 129, R. 104)	104	128		Long Lake township.....	177	125	
Lone Tree township ^a (school) (T. 129, R. 102)	86	66		Lynn township.....	174	165	
Marion township ^a (frac. T. 132, R. 103)	136	113		McKenzie township.....	275	191	87
Mud Buttes township ^a (school) (T. 129, R. 105)	65	10		Menoken township.....	216	133	128
Nebo township ^a (T. 130, R. 104)	105	122		Missouri township.....	88	100	103
Rhame township ^a (frac. T. 132, R. 104)	97	262		Morton township.....	101	102	38
Rhame village ^a	302			Naughton township (school).....	114	117	108
Sacramento township.....	212	184		Painted Woods township.....	168	160	154
Sheridan township.....	353	214		Phoenix township (school).....	174	157	9
Seven Mile township ^a (school) (T. 130, R. 103; frac. T. 130, R. 107)	46	93		Regan village ^a	202		
Star township ^a (frac. T. 132, R. 102)	146	113		Richmond township (school).....	153	168	3
Stillwater township ^a (frac. T. 132, R. 100)	130	118		Riverview township ^a (school).....	65	72	30
Sunny Slope township ^a (T. 131, R. 105; frac. T. 131, R. 107)	65	100		Rock Hill township ^a	115	153	4
Sunset Butte township ^a (school) (T. 131, R. 105)	30	88		Sibley Butte township.....	110	140	50
Talbot township ^a (T. 131, R. 101)	117	100		Steiber township ^a	134	119	5
Whiting township ^a (T. 130, R. 100)	130	279		Sterling township.....	221	198	41
Wilson township ^a (school) (T. 129, R. 101)	99	169		Summit township ^a	131	120	10
Fractional township 132, range 105	44	37		Taft township.....	115	109	61
Fractional township 132, range 106	50	1		Telfer township.....	100	72	80
Fractional township 132, range 107	27	24		Thelma township.....	97	151	
Burke County.....	9,511	8,064		Trygg township ^a	178	145	
Bowbells city.....	643	651		Wild Rose township.....	109	148	
Bowbells township (school).....	280	298		Wilson township ^a	191	246	25
Carter township (school).....	254	284		Wilton city ^a (part of).....	108		
Clayton township (school).....	171	234		Wing township.....	413	151	
Clearay township (school).....	205	163					
Columbus village.....	332	226					
Colville township ^a (school).....	254	332					
Dale township (school).....	295	316					
Dimond township (school).....	112	143					
Eay township (school).....	403	271					
Flaxton village.....	374	301					
Foot hills township (school).....	202	228					
Forthune township (school).....	277	312					
Garness township (school).....	104	220					
Harmonious township (school).....	304	180					
Kandiyohi township (school).....	165	165					
Keller township ^a (school).....	321	235					
Lake View township (school).....	206	379					
Larson village ^a	114						
Leaf Mountain township (school).....	220	193					
Lignite village ^a	214						
Minnesota township (school).....	290	364					
North Star township (school).....	342	216					
Portal township (school).....	342	298					
Portal village.....	454	491					
Powers Lake village ^a	251						
Richland township (school).....	210	338					
Roseland township (school).....	243	277					
Short Creek township (school).....	277	247					
Soo township (school).....	203	304					
Vale township ^a (school).....	167	325					
Ward township (school).....	330	408					
Township 159, range 91.....	171	151					
Township 159, range 94.....	309	181					
Township 160, range 92.....	129	146					
Township 160, range 94.....	158	188					
Burleigh County.....	15,578	13,087	* 6,081				
Apple Creek township.....	363	115	100				
Bismarck city.....	7,122	5,443	3,319				
Boyd township.....	114	57	64				
Burnt Creek township ^a	137	119	83				
Canfield township ^a	159	164	6				
Christiansen township.....	187	138	5				
Clear Lake township.....	152	128	5				
Croft township.....	204	198	83				
Cromwell township.....	107	121	18				
Driscoll township.....	352	372					
Ecklund township ^a	604	483	349				
Estherville township ^a	213	172					
Florence Lake township ^a	138	129	11				
Fort Rice township (school).....	52	72	88				
Frances township ^a	117	104	60				
Ghylin township ^a	238	218					
Gibbs township ^a	112	110	73				
Glenview township.....	205	185	125				
Grass Lake township.....	190	214	140				
Harriett township ^a	256	179	5				
Hay Creek township ^a	135	86	103				
Hazel Grove township.....	147	153	3				
Lein township.....	201	150					

^a BURLEIGH.—Total for 1900 includes population (204) of townships taken to form other townships between 1900 and 1910. Townships organized from school townships since 1910: Burnt Creek, Florence Lake, Frances, Gibbs, Harriett, and Trygg from school townships of same names, respectively; Canfield from Andrews; Hay Creek from Hay Creek and part of Riverview; Steiber from Pleasant View; Summit from Schrinck; Wilson from Hawkeye. Other changes since 1910: Part of Ecklund township annexed to Wilton city; Regan village incorporated from parts of Estherville and Ghylin townships; name of Rock Hill township changed from Highland. For total population of Wilton city, see Table 3.

^a CASS.—Kindred village incorporated from part of Normanna township, and North Fargo village from part of Fargo township, since 1910.

^a BOWMAN.—Adelaide, Amor, Bowman, Boyson, Buena Vista, Gem, Goldfield, Grainsbelt, Grand River, Haley, Hart, Langberg, Marion, Nebo, Rhame, Star, Stillwater, Sunny Slope, Talbot, and Whiting townships and school townships Dale, Golden Valley, Lone Tree, Mud Buttes, Seven Mile, Sunset Butte, and Wilson organized from unorganized territory since 1910. Gascoyne village incorporated from parts of Fischbeck and Gascoyne townships, and Rhame village from part of Rhame township, since 1910.

^a BURKE.—Larson, Lignite, and Powers Lake villages incorporated from parts of Keller, Vale, and Colville school townships, respectively, since 1910.

NUMBER AND DISTRIBUTION.

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TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
	15,555	15,659	12,580		9,637	6,015	.....
Cavalier County				Dodge County			
Alma township	242	266	526	Alexandria township ¹² (T. 161, R. 100)	176	103	
Banner township	277	310	214	Ambrose township	249	56	
Billings township	285	183	318	Ambrose city	389	320	
Bruce township	369	277	111	Blooming Prairie township	252	170	
Byron township	213	275		Blooming Valley township	227	178	
Calio village ¹⁰	132			Border township	249	183	
Cypress township	232	173	532	Burg township	219	197	
Dresden township	645	572	179	Clinton township ¹³ (T. 162, R. 101)	208	154	
Easy township	264	351	292	Coalfield township	461	208	
East Alma township	290	320	459	Crosby city	1,147	206	
Elgin township	317	331		Daneville township	285	135	
Fremont township	469	541	572	De Witt township ¹² (T. 163, R. 101, and frac. T.	164	129	
Glenila township	455	358	132	164, R. 101)	290	264	
Gordon township	335	317	187	Elkhorn township ¹⁵ (T. 163, R. 102, frac. T. 164,	231	190	
Grey township	191	203	178	Rs. 102 and 103, and frac. T. 163, R. 103)	198		
Harvey township	196	234	463	Fertile Valley township ¹² (T. 160, Rs. 102 and	228		
Hay township	310	290		103)	230	146	
Henderson township ¹⁰	291	624	221	Frederick township ¹² (T. 160, R. 98)	252	50	
Hope township	356	386	703	Garnet township ¹² (T. 160, R. 99)	185	124	
Huron township	235	248	79	Goose Neck township	285	212	
Langdon city	1,228	1,214	1,188	Hawkeye township	220	237	
Langdon township	210	252	478	Hayland township	262	212	
Linden township	622	620	711	Kermitt village	37	108	
Loam township	353	361	698	Lincoln Valley township ¹² (T. 162, R. 100)	195	100	
Loma township	345	308		Long Creek township	243	174	
Manilla township	205	240		Monter township	221	175	
Milton village	393	410	384	Noonan village	376	153	
Minto township	228	209		Palmer township	204	200	
Montrose township	470	405	762	Plummer township	150	155	
Moscow township	331	269	346	Sioux Trail township	185	159	
Mount Carmel township	475	500	889	Smoky Butte township ¹² (T. 160, R. 100)	157	94	
Munich village ¹⁰	248			Stone View township	211	143	
Nekoma township	263	234		Troy township	295	207	
Nekoma village	189	120		Twin Butto township	276	205	
Olga township	691	863	977	Upland township	260	227	
Oxford township	204	216		Westby township ¹² (T. 162, R. 102, and frac. T.	286	188	
Osnabrock township	309	266	804	162, R. 103)	125	78	
Osnabrock village	310	253		Writing Rock township ¹² (T. 161, R. 101)	8,828	5,302	
Perry township	223	206	317				
Sarles village ¹⁰ (part of)	333	322					
Severt township ¹⁰	279	309	113				
South Dresden township	396	397	297				
Starlie township	370	362	98				
Trier township ¹⁰	243	361	138				
Watarloo township	200	228	214				
West Hope township	321	348					
Dickey County	10,489	9,839	6,061				
Ada township	244	239	232				
Alberta township	179	143					
Albion township	209	100	127				
Bear Creek township	226	222	150				
Clement township	300	351	303				
Elden township	178	181	144				
Ellendale city	1,334	1,380	760				
Ellendale township	218	152	128				
Elm township	139	97	55				
Forbes village	293	221					
Fulterton village	202	206					
German township ¹¹	243						
Grand Valley township	201	143					
Hamburg township ¹¹	216						
Hudson township	219	174	150				
James River Valley township	409	443	308				
Kent township	153	152	93				
Kentner township	171	201	128				
Keystone township	165	193	233				
Lorraine township	177	145					
Lovell township	201	168	261				
Ludden village	132	109					
Maple township ¹¹	206						
Merricourt township ¹¹	370	518	422				
Merricourt village	70	78					
Monango village	231	238					
Oakes city	1,637	1,499	668				
Port Emma township	212	155	115				
Porter township ¹¹	261	378	254				
Potsdam township ¹¹	155						
Riverdale township	195	195	90				
Spring Valley township	203	273	452				
Valley township	205	200	79				
Van Meter township	163	152	120				
Whitestone township ¹¹	193	632	436				
Wright township	220	202	140				
Yorktown township	219	200	173				

¹⁰ CAVALIER.—Calio village incorporated from parts of Severt and Trier townships, and Munich village from part of Henderson township, since 1910. For total population of Sarles village, see Table 3.

¹¹ DICKIE.—Townships organized since 1910: German and Hamburg from parts of Whitestone; Maple from part of Porter; Potsdam from part of Merricourt.

¹² DIVIDE.—Alexandria, Clinton, De Witt, Elkhorn, Fertile Valley, Frederick, Garnet, Lincoln Valley, Smoky Butte, Westby, and Writing Rock townships organized from unorganized territory, and Fortuna village incorporated from part of De Witt township, since 1910.

¹³ DUNN.—For footnote, see following page.

POPULATION—NORTH DAKOTA.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Dunn County—Continued.							
Township 146, range 92 (part of).....	110	58	Carrington city ¹⁵	1,420	1,217
Township 146, range 93.....	124	70	Carrington township ¹⁵	199	194
Township 146, range 94.....	46	102	Dewey township ¹⁶ (school).....	281	215	203
Township 146, range 95.....	82	83	Eastman township.....	178	208	168
Township 146, range 96.....	139	88	Estabrook township (school).....	162	232	206
Township 146, range 97.....	46	46	Glenfield township.....	376	238	150
Township 147, range 94 (part of).....	3	Haven township ¹⁵	236	225	165
Township 147, range 95 (part of).....	33	6	Larabee township ¹⁵	367	134	197
Township 147, range 96.....	67	4	McHenry township.....	273	398
Township 147, range 97.....	37	20	McHenry village.....	299	166
Township 148, range 96.....	14	5	McKinnon township ¹⁵	252	236	238
Township 148, range 97.....	31	5	Melville township.....	230	258	119
Fort Berthold Indian Reservation ¹³ (part of).....	248	246	Nordmore township.....	241	236	157
Eddy County.							
Eddy County.....	6,493	4,800	14,330	Pleasant Valley township (school).....	191	156
Columbia township ¹⁴	161	113	84	Rose Hill township.....	224	230	190
Colvin township ¹⁴	277	221	Wyard township.....	164	209	145
Eddy township.....	219	157	Foster County—Continued.			
Fay township ¹⁴	187	140	170	Carrington city ¹⁵	1,420	1,217
Freeborn township ¹⁴	300	270	Carrington township ¹⁵	199	194
Gates township.....	753	604	374	Dewey township ¹⁶ (school).....	281	215	203
Grandfield township.....	246	276	241	Eastman township.....	178	208	168
Hillsdale township.....	273	185	Estabrook township (school).....	162	232	206
Lake Washington township ¹⁴	194	222	180	Glenfield township.....	376	238	150
Munster township.....	254	230	180	Haven township ¹⁵	236	225	165
New Rockford city ¹⁴	2,111	.....	Larabee township ¹⁵	367	134	197
New Rockford township ¹⁴	158	1,153	788	McHenry township.....	273	398
Paradise township.....	161	159	McHenry village.....	299	166
Pleasant Prairie township.....	206	194	140	McKinnon township ¹⁵	252	236	238
Rocky Mountain township (school).....	182	211	196	Melville township.....	230	258	119
Rosefield township.....	187	207	191	Nordmore township.....	241	236	157
Smith township (school).....	185	89	127	Pleasant Valley township (school).....	191	156
Superior township.....	226	221	234	Rose Hill township.....	224	230	190
Tiffany township ¹⁴	193	148	203	Wyard township.....	164	209	145
Emmons County.							
Emmons County.....	11,288	*8,796	*4,349	Golden Valley County ¹⁵.			
Bakker township (school).....	478	.....	Beach city.....	4,832	.....	.....
Braddock village.....	218	.....	Beach township (Tps. 139 and 140, R. 105, and frac. Tps. 139 and 140, R. 106).....	1,106	.....	.....
Buchanan Valley township.....	149	.....	Bullion township (T. 137, R. 104).....	661	.....	.....
Burr Oak township (school).....	199	.....	Bull Run township (T. 138, R. 100).....	230	.....	.....
Campbell township.....	294	.....	Delhi township (T. 141, R. 104).....	82	.....	.....
Cherry Grove township (school).....	119	.....	Divide township (T. 142, R. 103).....	116	.....	.....
Dakota township (school).....	130	.....	Elk Creek township (T. 142, R. 104).....	66	.....	.....
Dana township.....	121	.....	Elmwood township (T. 142, R. 105).....	126	.....	.....
Danbury township.....	179	.....	Garnet township (T. 138, R. 104).....	99	.....	.....
Elzas township.....	279	.....	Henry township (Tps. 143 and 144, R. 105).....	162	.....	.....
Emmonsburg township (school).....	221	.....	Lone Tree township (Tps. 137 and 138, R. 105; frac. Tps. 137 and 138, R. 106).....	135	.....	.....
Exeter township (school).....	257	.....	Pearl township (Tps. 143 and 144, R. 104).....	792	.....	.....
Grayton township (school).....	384	.....	Saddle Butte township (T. 141, R. 105).....	138	.....	.....
Glenavon township (school).....	424	.....	Sentinel township ¹⁵ (Tps. 139 and 140, Rs. 103 and 104).....	208	.....	.....
Hague township (school).....	397	.....	292	.....	.....	.....
Hague village.....	315	.....	Wanigan township (T. 141, R. 103).....	112	.....	.....
Hazleton township.....	237	.....	Township 136, range 105.....	67	.....	.....
Hazleton village.....	382	.....	Township 137, range 103.....	17	.....	.....
Highland township.....	124	.....	Township 138, range 103.....	17	.....	.....
Liberty township (school).....	217	.....	Township 143, range 103.....	34	.....	.....
Lincoln township (school).....	153	.....	Township 144, range 103.....	16	.....	.....
Linton city.....	1,011	.....	Grand Forks County.			
Lipp township (school).....	314	.....	Grand Forks city.....	28,795	27,888	17,24,459
Livonia township.....	232	.....	Agnes township.....	432	363	385
McCully township.....	397	.....	Allendale township.....	208	244	381
Marie township (school).....	268	.....	Americus township.....	339	387	462
Odessa township (school).....	226	.....	Arville township.....	322	337	294
Omio township.....	199	.....	Avon township.....	284	313	322
Sand Creek township (school).....	158	.....	Bentru township.....	260	257	320
Seitz township (school).....	188	.....	Blooming township.....	321	366	456
South Prairie township (school).....	155	.....	Brenne township.....	267	270	360
Strasburg township.....	281	.....	Chester township.....	329	382	395
Strasburg village.....	653	.....	Elkmount township.....	236	301	263
Telltownship.....	197	.....	Elm Grove township.....	220	291	256
Union township (school).....	561	.....	Fairfield township.....	180	177	198
Wells township (school).....	208	.....	Falconer township ¹⁷	134	119	126
Williamsport township (school).....	154	.....	Ferry township ¹⁷	605	575	623
Wilson township.....	200	.....	Gilby township.....	515	570	631
Winchester township (school).....	168	.....	Grace township.....	293	327	284
Winona township (school).....	440	.....	Grand Forks city ¹⁷	14,010	12,478	7,652
Foster County.			Grand Forks township ¹⁷	817	370	372	
Birtsell township (school).....	243	348	Hegton township.....	225	244	176	
Bordulae township.....	310	281	Inkster city.....	368	353	.....
Bucephalia township (school).....	239	172	Inkster township.....	171	233	553	
Campbell township (school).....	223	198	Johnstown township.....	255	244	343	

* See headnote.

¹⁵ DUNN.—Clay Butte, Decorah, Loring, and Richloom townships organized from unorganized territory since 1910. Villages incorporated since 1910: Dodge, from part of Loring township; Dunn Center from part of Decorah township; Halliday and Werner from parts of township 145, range 92; Kilddeer from part of township 145, range 95. Fort Berthold Indian Reservation returned in 1920 as located in Dunn, McKenzie, and Mercer Counties, in 1910 as in Dunn, McLean, McLean, Mercer, and Mountrail Counties, and in 1900 as in McLean and Mercer Counties. Total population: 482 in 1920; 1,135 in 1910; 1,038 in 1900. Part of township 148, range 93, for which no population was reported at the census of 1920 and which was not returned at the censuses of 1910 and 1900, and part of township 147, range 93, for which no population was reported at the censuses of 1920 and 1910, are not shown in this table.

¹⁶ EDDY.—Total for 1900 includes population (212) of Anderson school township, taken to form Colvin and Freeborn townships between 1909 and 1910. Townships organized from school townships since 1910: Columbia and Tiffany from school townships of same names, respectively; Fay from Cherry Lake; Lake Washington from Washington. New Rockford city incorporated from part of New Rockford township since 1910.

¹⁷ FOSTER.—Total for 1900 includes population (1,088) of Carrington school township, taken to form Carrington city and Carrington township between 1900 and 1910. Part of Larabee school township taken to form Dewey school township, and remainder organized as Larabee township, since 1910. Haven township organized from Haven school township, and McKinley from McKinley school township, since 1910.

¹⁸ GOLDEN VALLEY.—Organized from part of Billings County in 1912. Sentinel Butte village incorporated from part of Reynolds city since 1910.

¹⁹ GRAND FORKS.—Total for 1900 includes population (87) of Harvey township,

which was annexed to Ferry township between 1900 and 1910. Parts of Falconer and Grand Forks townships annexed to Grand Forks city since 1910. For total population of Reynolds city, see Table 3.

NUMBER AND DISTRIBUTION.

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TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

¹Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.)

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Grant County¹⁸.	9,553			Hettinger County—Continued.			
Antelope township (school) (T. 135, R. 89).	280			Clark township ¹⁹ (T. 136, R. 98).	218	260	
Brisbane township (T. 133, R. 88).	217			Farina township ¹⁹ (T. 134, R. 94).	138	151	
Carl township (T. 135, R. 86).	176			Havelock township ¹⁹ (T. 135, R. 98).	213	101	
Carson township ¹⁹ (T. 134, R. 87).	248			Indian Creek township ¹⁹ .	180	266	
Carson village ¹⁹ .	277			Kennedy township.	196	170	
De La Barre township (school) (T. 133, R. 90).	257			Kern township ¹⁹ (T. 132, R. 93).	91	100	
Elgin city ¹⁹ .	429			Kunze township.	267	145	
Elm township (T. 134, R. 88).	364			Madison township.	215	200	
Fisher township (T. 132, R. 88).	135			Merrill township ¹⁹ (T. 132, R. 92).	124	163	
Flea township (school) (T. 133, R. 89).	194			Mott village ¹⁹ .	723		
Freda township (T. 133, R. 83).	119			New England township ¹⁹ .	194	272	
German township (school) (T. 130, R. 89, and part of T. 130, R. 90).	182			New England city ¹⁹ .	613		
Harper township (school) (T. 130, R. 87).	149			Regent village ¹⁹ .	202		
Heart Butte township (school) (T. 137, R. 89).	175			Rille township.	205	195	
Heart River township (school) (T. 130, R. 88).	178			St. Croix township.	116	166	
Henley township (school) (T. 133, R. 88).	161			Solon township ¹⁹ (T. 134, R. 91).	225	174	
Herz township (school) (T. 137, R. 88).	172			Strehlow township.	226	190	
Hobson township (school) (T. 135, R. 88).	193			Tepee Butte township ¹⁹ (T. 134, R. 98).	178	139	
Howard township (T. 131, R. 88).	131			Wagendorf township ¹⁹ (T. 133, R. 98).	222	177	
Janesburg township (T. 132, R. 87).	131			Township 134, range 93 ¹⁹ .	156	541	
Kruetz township (T. 131, R. 90).	142			Township 135, range 91.	188	241	
Landau township (school) (parts of Tps. 136 and 137, R. 90).	151			Township 135, range 92.	237	180	
Lark township (T. 134, R. 85).	186			Township 136, range 91.	260	304	
Leahy township (school) (T. 132, R. 85, and parts of Tps. 130 and 131, R. 85).	299			Township 136, range 92.	252	198	
Leipzig township (school) (T. 135, R. 90).	288						
Leith village ¹⁹ .	158			Kidder County.	7,798	5,962	1,754
Lincoln township (school) (T. 136, R. 86).	142			Allen township.	153	121	95
Look township (school) (part of T. 130, R. 89).	73			Atwood township ²⁰ .	159	110	7
Lorin township (T. 132, R. 90).	198			Baker township ²⁰ .	173	131	18
Melville township (T. 132, R. 89).	193			Barton township ²⁰ (school).	72		
Minnie township ¹⁹ (T. 134, R. 89).	319			Belden township (school).	167	129	
New Leipzig village ¹⁹ .	378			Buckeye township.	96	84	32
Otter Creek township (T. 135, R. 85).	126			Chestine township (school).	242	144	17
Pretty Rock township (T. 131, R. 89).	155			Clear Lake township (school).	188	156	
Raleigh township (T. 138, R. 85).	240			Crystal Springs township ²⁰ .	241	216	120
Schrader township (school) (part of T. 130, R. 90).	89			Dawson village ²⁰ .	293		
Schultz township (T. 130, R. 87; T. 131, R. 88 and 87; parts of T. 129, R. 86 and 87, and T. 130, R. 86).	365			Excelsior township.	147	132	1
Shields township (parts of T. 131, R. 84, and T. 132, R. 83 and 84).	357			Fisher township (school).	84	78	72
Slovak township (school) (part of T. 137, R. 90).	220			Frettem township (school).	131	121	18
Sunny Slope township (school) (T. 135, R. 87).	182			German township (school).	206	173	72
Thain township (T. 134, R. 86).	214			Grant township (school).	214	196	
Three Butte township (T. 133, R. 84).	111			Haynes township.	117	141	21
Two Mile township (T. 132, R. 86).	119			Horning township (school).	218	153	33
Valley View township ¹⁹ (T. 133, R. 87).	201			Kickapoo township (school).	122	130	5
Weekes township (school) (T. 136, R. 85).	99			Liberty township (school).	123	125	43
Weller township ¹⁹ (school) (T. 134, R. 90).	270			Mahin township ²⁰ (school).	177		
Wheeler township (parts of Tps. 129 and 130, R. 88).	103			Manning township.	202	241	53
Griggs County.	7,402	6,274	4,744	Merkel township ²⁰ (school).	137	281	35
Addie township.	245	181	204	Northwest township (school).	146	147	10
Ball Hill township.	276	266	244	Norway township ²⁰ (school).	156	212	28
Bartley township.	209	216	214	Pettibone township ²⁰ .	387	97	21
Binford village.	393	275		Pleasant Hill township ²⁰ .	130	177	69
Broadview township.	331	190	194	Pleasant Hill township (school).	87	89	4
Bryan township.	274	184	127	Quimby township ²⁰ (school).	50	62	33
Clearfield township.	172	128	137	Rexin township (school).	212	195	164
Cooperstown city.	1,112	1,019	648	Robinson township ²⁰ .	183	141	17
Cooperstown township.	297	283	222	Sibley township ²⁰ .	57		
Dover township.	282	237	223	Steele city.	116	279	236
Greenfield township.	360	290	388	Stewart township (school).	550	500	185
Hannaford village.	431	340		Tanner township.	128	103	14
Helena township.	270	162	166	Tappan township ²⁰ .	146	149	7
Kingsley township.	226	161	78	Tappan village ²⁰ .	71	117	149
Lenora township.	201	231	181	Tuttle township ²⁰ (school).	187		
Mabel township.	365	208	220	Tuttle village ²⁰ .	321		
Pilot Mound township.	293	261	196	Union township (school).	203	184	22
Romnes township.	277	267	266	Valley township (school).	170	147	16
Rosendal township.	211	216	93	Vernon township (school).	100	86	34
Sverdrup township.	327	327	331	Wallace township (school).	136	130	
Tyrol township.	353	371	223	Weiser township ²⁰ .	142	166	10
Washburn township.	267	268	250	Williams township (school).	120	113	6
Willow township.	230	193	136	Woodlawn township.	167	100	84
Hettinger County.	7,685	6,557					
Acme township ¹⁹ (T. 135, R. 93).	189	155		La Moure County.	11,564	10,724	31,6,048
Alden township.	154	218		Adrian township.	266	338	137
Ashby township ¹⁹ (T. 132, R. 94).	115	126		Badger township.	232	232	91
Baer township ¹⁹ (T. 132, R. 91).	195	169		Berlin village.	180	137	
Beery township.	214	281		Black Loam township.	323	324	301
Black Butte township.	161	192		Bluebird township.	233	160	107
Brittian township ¹⁹ (T. 133, R. 92).	135	159		Dean township ²¹ .	187	175	95
Campbell township ¹⁹ (T. 136, R. 93).	180	243		Dickey village.	100	187	
Cannon Ball township ¹⁹ (T. 133, R. 91).	301	232		Edgeley city.	803	749	306
Castle Rock township ¹⁹ (T. 133, R. 93).	222	169		Gladstone township.	357	356	202
Chilton township.	120	154					

¹⁹ HETTINGER.—Acme, Ashby, Baer, Brittian, Campbell, Cannon Ball, Castle Rock, Clark, Farina, Havelock, Kern, Merrill, Solon, Tepee Butte, and Wagendorf townships organized from unorganized territory since 1910. Villages incorporated since 1910: Regent from part of Indian Creek township and Mott from part of township 134, range 93. New England city incorporated from part of New England township since 1910.

²⁰ KIDDER.—Townships organized from school townships since 1910: Atwood from Arlington; Crystal Springs from Crystal Springs; Pettibone from Lakeside; Robinson from Lincoln; and Weiser from Malcolm. Baker township organized from Baker school township and part of Pleasant Hill township. Tappan township returned as a school township in 1910. School townships organized from other school townships since 1910: Barton and Robinson from parts of Merkel; Mahin from part of Quinby; and Tuttle from part of Norway. Villages incorporated since 1910: Dawson from part of Sibley township; Tappan from part of Tappan township; and Tuttle from part of Tuttle school township.

²¹ LA MOURE.—For footnote, see following page.

POPULATION—NORTH DAKOTA.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
La Moure County—Continued.				McHenry County—Continued.			
Glen township.....	370	238	53	Dearing village.....	142	150	
Glenmore township.....	192	206	103	Denbigh township.....	195	396	33
Golden Glen township.....	194	256	158	Drake city.....	517	348	
Grand Rapids township.....	263	230	167	Egg Creek township.....	160	184	33
Grandview township.....	250	192	154	Elm Grove township (school).....	271	323	288
Greenville township ²¹	275	153	84	Fulsen township ²² (T. 154, R. 78).....	246	244	178
Henriette township.....	233	219	124	Gilmore township ²³	108	131	11
Jud village.....	178	99		Gorman township (school).....	72	100	20
Kennison township.....	289	202	86	Graville city.....	394	455	
Kulm city.....	725	645	463	Graville township.....	180	370	186
La Mouriety.....	1,014	929	457	Grille township.....	209	278	15
Litchville township.....	367	317	286	Hendrickson township ²³	284	364	64
Marion village ²⁴	294	241		Kief village ²³	307		
Mikkelsen township ²¹	230	198	49	Kotka Valley township.....	212	254	
Nora township.....	176	249	129	Lake George township.....	359	292	30
Norden township.....	225	207	188	Lake Hester township.....	287	275	66
Ovid township ²¹	215	150	88	Land township ²²	100	555	179
Pearl Lake township ²¹	213	200	132	Layton township.....	203	287	72
Pomona View township ²¹	172	222	136	Lebanon township.....	229	250	80
Prairie township.....	365	364	338	Little Deep township.....	194	285	43
Raney township ²¹	287	239	139	Meadow township.....	260	328	216
Ray township.....	245	166	108	Newport township ²³	191	194	179
Roscoe township.....	206	208	226	Normal township ²³	126	178	149
Russell township.....	172	179	62	North Prairie township.....	203	428	60
Ryan township ²¹	197	179	136	Norwich township.....	268	366	48
Saratoga township.....	225	183	150	Odin township.....	256	322	100
Sheridan township ²¹	236	274	257	Olivia township.....	259	227	10
Swede townships ²¹	342	288	201	Poplar Grove township (school).....	110	109	50
Verona village.....	258	235		Pratt township.....	208	268	26
Wano township.....	237	225	120	Red Cross township (school).....	106	138	36
Willowbank township.....	189	176	91	Regstad township.....	438	302	30
Logan County.....	7,723	22 6,168	22 1,625	Riga township.....	130	192	37
Arvada township (school) (T. 133, R. 70).....	184			Round Lake township.....	198	232	8
Blue Ball township (T. 136, R. 69).....	205			Saline township ²³	182	278	100
Bryant township ²² (T. 135, R. 72).....	182			Schiller township ²³	428	323	107
Finn township ²² (T. 136, R. 67).....	248			Smoky Lake township (school).....	175	159	8
Flinn township (school) (N. $\frac{1}{2}$ T. 134, R. 67).....	181			Spring Grove township.....	66	128	105
Fredonia village ²²	296			Strege township.....	417	115	177
Gackle village ²²	424			Town city.....	610	601	331
Glendale township (T. 136, R. 72).....	174			Upham village.....	196	296	
Grenz township (school) (T. 135, R. 70).....	191			Velva city.....	836	837	
Gutschmidtiedt township (T. 135, R. 67).....	279			Velva township.....	224	220	199
Highland township (school) (T. 135, R. 71).....	192			Villard township ²³ (T. 154, R. 77).....	189	282	43
Hills township (school) (T. 133, R. 72).....	256			Voltaire township.....	347	381	22
Hillsburg township (school) (T. 134, R. 69).....	200			Wager township (school).....	210	343	213
Hollandsworth township (school) (E. $\frac{1}{2}$ T. 134, R. 70).....	116			Willow Creek township ²³	221	188	269
Johannesdale township (T. 133, R. 71).....	253			Township 154, range 76.....	102	129	1
Johnstad township (school) (T. 135, R. 68).....	246			Township 155, range 75.....	154	214	122
Ketterling township (school) (T. 135, R. 69).....	184			Township 155, range 77.....	152	116	129
Kroeker township (T. 135, R. 73).....	207			Township 155, range 78.....	48	114	
Lautt township (school) (T. 133, R. 68).....	220			Township 157, range 76.....	100	152	101
Lehr city ²² (part of).....	91			McIntosh County.....	9,010	7,251	4,818
Lehr township (school) (T. 133, R. 69).....	173			Ashley village.....	1,009	682	
Morningside township (school) (W. $\frac{1}{2}$ T. 134, R. 70).....	70			Lehr city ²² (part of).....	271	182	
Nathan township (school) (T. 134, R. 68).....	206			Venturia village ²²	207		
Napoleon village ²²	554			Wishek village.....	1,003	432	
Neidorf township (T. 136, R. 68).....	377			Zeeiland village.....	323	193	
Nordby township ²² (school) (T. 133, R. 67, and S. $\frac{1}{2}$ T. 134, R. 67).....	314			School district No. 1.....	192	170	85
Red Lake township (T. 134, R. 71).....	339			School district No. 2.....	222	282	274
Richville township (T. 136, R. 70).....	215			School district No. 3.....	219	195	128
Sealy township (T. 136, R. 73).....	174			School district No. 4.....	198	231	237
Shell Butte township (T. 133, R. 73).....	310			School district No. 5.....	281	159	156
Starkey township (T. 134, R. 72).....	256			School district No. 6.....	292	265	315
Weigel township (T. 134, R. 73).....	251			School district No. 7.....	232	196	235
Wentz township (school) (T. 136, R. 71).....	195			School district No. 8.....	177	169	165
McHenry County.....	15,544	17,627	5,253	School district No. 9.....	200	198	164
Anamoose township.....	359	403	302	School district No. 10.....	172	135	171
Anamoose village.....	563	609		School district No. 11.....	206	240	192
Balfour township.....	271	211	249	School district No. 12 ²⁴	231	312	231
Balfour village.....	322	399		School district No. 13.....	241	221	255
Bantry township.....	315	364	38	School district No. 14.....	225	239	227
Berwick township.....	380	474	241	School district No. 15.....	221	135	196
Brown township.....	237	279	2	School district No. 16.....	184	178	74
Bjornson township.....	196	210	38	School district No. 17.....	172	184	219
Cottonwood Lake township.....	174	216	50	School district No. 18.....	247	311	232
Deep River township.....	285	301	94	School district No. 19.....	194	90	149
Dearing township.....	259	275		School district No. 20.....	233	242	218

²¹ LA MOURE.—Totals for 1910 and 1900 include population (197 and 126, respectively) of Verona school township, part annexed to Greenville township and part taken to form part of Ovid township since 1910. Townships organized from school townships since 1910: Dean from Cottonwood; Ovid from Ovid and part of Verona; Pearl Lake from Twin Lake; Ryan from La Mouriety; Mikkelsen, Pomona View, Raney, and Swede from school townships of same names, respectively. Marion village incorporated prior to 1910 but returned with Sheridan township at that census.

²² LOGAN.—Township organization changed since 1910. Villages incorporated since 1910: Fredonia from part of Nordby school township; Gackle from part of school township 14, Kuhndt (now Finn township); Napoleon from part of school township 2, Foster (now Bryant township). For total population of Lehr city, see Table 3.

²³ MCINTOSH.—Falsen and Villard townships organized from unorganized territory since 1910. Townships organized from school townships since 1910: Gilmore from Cut Bank; Hendrickson from Walters; and Normal from Norman; Newport, Saline, and Willow Creek from school townships of same names, respectively. Kief village incorporated from part of Land township since 1910. Name of Schiller township changed from Roosevelt since 1910.

²⁴ MCINTOSH.—Venturia village incorporated from part of school district No. 12, and school district No. 28 organized from part of school district No. 22, since 1910. For total population of Lehr city, see Table 3.

NUMBER AND DISTRIBUTION.

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TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 328. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
McKenzie County	9,544	5,720	.....	McLean County—Continued.			
Alexander precinct	1,205	1,088	.....	Township 148, range 91 ²⁶ (part of)	41	.....
Almira precinct	529	200	.....	Township 149, range 82	246	237	11
Banks precinct	677	443	.....	Township 149, range 83	252	282	7
Berg precinct ²⁵ (T. 151, R. 96, and parts of T. 151, Rs. 95 and 97)	375	327	.....	Township 149, range 86	140	157	
Cartwright precinct	380	342	.....	Township 149, range 87	270	160	
Catlin precinct	524	200	.....	Township 149, range 88 ²⁵	245	.....
Charlson precinct ²⁵ (T. 153, R. 95, and part of T. 154, R. 95)	219	384	.....	Township 149, range 90 ²⁴	89	.....
East Fairview village ²⁵	175	.....	.....	Township 150, range 84	189	156	1
Hawkeye precinct ²⁵ (part of T. 152, R. 95)	213	.....	.....	Township 150, range 87	38	.....
Keene precinct ²⁵ (T. 152, R. 96)	183	.....	.....	Township 150, range 90 ²⁵	198	.....
Keifeler precinct	600	133	.....	.....	.....	.....
Kinning precinct	436	300	.....	Mercer County	6,224	4,747	27,1,778
Knipe precinct	192	277	.....	Beulah village ²⁷	552	.....
Morrill precinct ²⁵	457	341	.....	Golden Valley village ²⁷	309	.....
Nichols precinct ²⁵	310	213	.....	Hazen village ²⁷	520	.....
Poe precinct	410	223	.....	Stanton village ²⁷	325	.....
Rheades precinct	652	173	.....	Zap village ²⁷	257	.....
Rud precinct ²⁵	828	566	.....	Township 141, range 88	260	42	19
Schafer precinct ²⁵	855	510	.....	Township 141, range 89	87	104	15
Watford City village ²⁵	260	.....	.....	Township 142, range 90	120	115	19
Fort Berthold Indian Reservation ²⁵ (part of)	12	(25)	.....	Township 142, range 88	193	153	17
McLean County	17,206	20,14,496	20,4,791	Township 142, range 89	128	10	22
Amundsville township ²⁵ (T. 150, R. 88)	279	.....	Township 142, range 90	111	10	29	
Andrews township	147	346	.....	Township 142, range 88	148	185	28
Aurora township	249	248	.....	Township 143, range 89	124	72	27
Benedict village ²⁵	195	.....	Township 143, range 90	134	49	26	
Blackwater township ²⁵ (T. 148, R. 87)	245	101	.....	Township 144, range 84 ²⁵ (part of)	75	200	49
Blue Hill township	231	217	.....	Township 144, range 85 ²⁵	158	154	20
Buffalo Lake township	240	175	4	Township 144, range 86 ²⁵	250	150	43
Butte township ²⁵ (T. 150, R. 70)	208	358	15	Township 144, range 87	243	158	7
Byersville township	243	190	5	Township 144, range 88 ²⁵	272	162	17
Cremerville township ²⁵ (T. 150, R. 80)	197	.....	Township 144, range 89 ²⁵	244	190	19	
Dogden township	255	296	11	Township 144, range 90 ²⁵	133	139	22
Dogden village	252	320	.....	Township 145, range 84 (part of)	138	75	72
Douglas township	188	220	2	Township 145, range 85	239	250	117
Economy township	305	293	.....	Township 145, range 86	271	203	131
Emmett township	246	242	1	Township 145, range 87	309	214	151
Garrison city	714	406	.....	Township 145, range 88	207	206	.....
Greatstone township	299	263	7	Township 145, range 89	263	132	.....
Heaton township	156	148	38	Township 145, range 90	307	215	.....
Horseshoe Valley township ²⁵ (T. 149, R. 80)	118	139	54	Township 146, range 84 (part of)	25	100	50
Lake Williams township ²⁵	176	512	21	Township 146, range 85	212	210	192
Linder township	219	199	20	Township 146, range 86	244	106	141
Longfellow township	214	190	127	Township 146, range 87	200	108	122
Loquemont township ²⁵ (T. 149, R. 80)	249	.....	Township 146, range 88 (part of)	177	131	38	
McGinnis township	183	181	2	Township 146, range 89 (part of)	236	80	2
Malcolm township	227	301	12	Township 146, range 90 (part of)	141	141	3
Max village	473	285	.....	Township 147, range 84 (part of)	31	52	.....
Mercer township	309	232	.....	Township 147, range 85 (part of)	110	60	48
Montcoiroe township ²⁵ (T. 143, R. 80)	272	270	240	Township 147, range 86 (part of)	61	64	50
Nettlecreek township ²⁵ (part of T. 143, R. 81)	121	62	39	Township 147, range 87 (part of)	24	.....
Otis township ²⁵ (T. 150, R. 80)	178	.....	Fort Berthold Indian Reservation ²⁷ (part of)	222	139	40	
Platte township	266	242	4				
Poplar township ²⁵ (T. 150, R. 82)	281	318	2				
Ruso village	120	141	.....			
St. Mary township	205	240	19				
Snow township ²⁵ (T. 148, R. 83)	297	312	3				
Turtle Lake township	192	234	60				
Turtle Lake village ²⁵	395	.....				
Underwood township	202	230	101				
Underwood village	453	422	.....			
Victoria township	298	264	34				
Washburn city	558	657	.....			
Wilton city ²⁵ (part of)	918	437	.....			
Wiso township	197	176	7				
Township 144, range 81 (part of)	157	77	104				
Township 144, range 82 (part of)	142	71	155				
Township 144, range 83 (part of)	110	91	68				
Township 144, range 84 (part of)	29	31	3				
Township 145, range 70	228	235	20				
Township 145, range 80	212	171	4				
Township 145, range 81	249	174	116				
Township 145, range 83	181	184	50				
Township 145, range 84 (part of)	88	71	28				
Township 145, range 85	180	164	35				
Township 145, range 86	216	182	114				
Township 145, range 84 (part of)	79	84	87				
Township 147, range 84 (part of)	98	58	81				
Township 147, range 85 (part of)	50	35	7				
Township 147, range 86 (part of)	69	58	15				
Township 147, range 87 (part of)	46	(36)	40				
Township 147, range 88 (part of)	134	.....				
Township 147, range 89 (part of)	62	.....				
Township 147, range 90 (part of)	108	277	9				
Township 148, range 79	277	277	9				
Township 148, range 80	217	273	9				
Township 148, range 81	217	242	10				
Township 148, range 82	239	300	5				
Township 148, range 83	17	.....				
Township 148, range 88 ²⁵	17	.....				
Township 148, range 89 ²⁵	151	.....				

²⁵ MCKENZIE.—East Fairview village incorporated from parts of Morrill and Nichols precincts, and Watford City village from parts of Rud and Schafer precincts, since 1910. Hawkeye and Keenes precincts organized from parts of Berg and Charlson precincts since 1910. No population reported in 1910 for that part of Fort Berthold Indian Reservation in McKenzie County; for total population of reservation, see footnote, Dunn County.

²⁶ MCLEAN.—Totals for 1910 and 1900 include population (661 and 698, respectively) of part of Fort Berthold Indian Reservation, abolished and organized into civil townships since 1910. Total for 1900 also includes population (1,997) of territory taken to form Sheridan County between 1900 and 1910. Townships organized since 1910: Amundsville, Cremerville, and Loquemont from parts of Fort Berthold Indian Reservation; Blackwater, Horseshoe Valley, Montcoiroe, Nettlecreek, Poplar, and Snow from unorganized territory; Otis from part of Butte. Benedict village incorporated from part of Andrews township and Turtle Lake village from part of Lake Williams township since 1910. Total for total population of Wilton city, see Table 3. Townships 148, ranges 83 to 90; part of 148, range 01; 149, ranges 88 and 90; 150, range 90; and part of 150, range 91, returned as part of Fort Berthold Indian Reservation in 1910. Part of township 149, range 91, for which no population was reported at the census of 1920 and which was not returned at the censuses of 1910 and 1900, is not shown in this table. No population reported in 1910 for part of township 147, range 87.

²⁷ MERCER.—Total for 1900 includes population (238) of territory (including part of Fort Berthold Indian Reservation) taken to form part of Dunn County between 1900 and 1910. Villages incorporated since 1910: Beulah from part of township 144, range 88; Golden Valley from part of township 144, range 90; Hazen from part of township 144, range 86; Stanton from parts of township 144, ranges 84 and 85; Zap from part of township 144, range 89. For total population of Fort Berthold Indian Reservation, see footnote, Dunn County.

²⁸ MORTON.—For footnote, see following page.

POPULATION—NORTH DAKOTA.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Morton County—Continued.							
Stevenson township ²⁸ (part of T. 133, R. 82).....	134	28 251	28 30	Spring Coulee township.....	214	208	...
Sweet Briar township ²⁹ (T. 139, R. 83).....	262	224	94	Stanley city.....	591	518	...
Township 134, range 79 (part of).....	35	50	6	Stave township.....	228	188	...
Township 134, range 80 (part of).....	166	43	10	Tagus village.....	133	105	...
Township 134, range 81 (part of).....	116	49	19	Van Hook township ²⁹ (T. 152, R. 91).....	278	65	...
Township 135, range 79 (part of).....	250	50	25	Van Hook village ²⁹	331	...	...
Township 135, range 80.....	280	100	28	Wabek village ²⁹	40	...	...
Township 135, range 81.....	309	199	40	Wayzetta township.....	185	167	...
Township 135, range 83.....	241	210	...	White Earth township.....	169	116	...
Township 136, range 79 (part of).....	161	50	41	White Earth village.....	247	264	...
Township 136, range 80.....	199	300	47	Township 150, range 92.....	18	...	...
Township 136, range 81.....	341	298	147	Township 150, range 93 (part of).....	4	...	...
Township 136, range 82.....	167	175	93	Township 151, range 90.....	59	...	...
Township 136, range 83.....	223	175	19	Township 151, range 92.....	175	...	...
Township 137, range 79 (part of).....	105	50	23	Township 151, range 93 (part of).....	175	...	...
Township 137, range 80 (part of).....	48	149	32	Township 152, range 92.....	150	25	...
Township 137, range 81.....	273	245	164	Township 152, range 93 ²⁹ (part of).....	37	19	...
Township 137, range 82.....	198	230	32	Township 153, range 93 (part of).....	45	33	...
Township 137, range 83.....	134	107	77	Township 153, range 94 (part of).....	14	20	...
Township 137, range 84.....	122	134	...	Township 154, range 94 (part of).....	97	28	...
Township 137, range 85.....	149	132	71				
Township 137, range 86.....	200	134	9				
Township 137, range 87.....	198	213	74				
Township 138, range 80 (part of).....	26	48	116				
Township 138, range 81.....	215	172	25				
Township 138, range 82.....	222	182	100				
Township 138, range 83.....	95	81	60				
Township 138, range 84.....	221	237	119				
Township 138, range 85.....	179	193	103				
Township 138, range 87.....	196	109	46				
Township 138, range 88 ²⁸	178	285	...				
Township 138, range 89 ²⁸	166	232	205				
Township 138, range 90.....	232	233	...				
Township 139, range 81 (part of).....	186	92	152				
Township 139, range 82.....	235	184	96				
Township 139, range 85.....	191	140	188				
Township 140, range 81 (part of).....	52	31	24				
Township 140, range 82.....	159	177	123				
Township 140, range 83.....	337	328	127				
Township 140, range 84.....	194	220	122				
Township 140, range 85.....	174	184	205				
Mountrail County.....							
	12,140	20 8,491	...				
Nelson County.....							
Adler township.....	257	305	226				
Aneta city.....	662	654	...				
Bergen township.....	283	288	188				
Central township.....	261	288	239				
Clara township.....	216	219	195				
Dahlen township.....	360	298	250				
Dayton township.....	209	201	184				
Dodds township.....	198	231	148				
Enterprise township.....	268	237	254				
Field township.....	313	370	355				
Forde township.....	252	255	203				
Hamlin township.....	198	268	288				
Illinois township.....	172	202	175				
Lakota city.....	959	1,023	576				
Lakota township.....	154	206	241				
Lee township.....	481	442	297				
Leval township.....	137	148	96				
McVille village.....	546	310	...				
Mclyn township.....	231	264	209				
Michigan City.....	491	440	309				
Michigan City township ³⁰	337	369	291				
Nash township.....	227	219	200				
Nestheim township.....	209	208	295				
Ora township.....	256	310	633				
Osago township ³⁰	276	375	278				
Pekin village ³⁰	197	...	...		
Petersburg township ³⁰	255	271	243				
Petersburg village.....	367	353	...				
Rubin township.....	289	264	215				
Rugh township.....	243	234	217				
Sarnia township.....	344	207	183				
Tolna village.....	199	200	...				
Wamiduska township.....	183	181	150				
Williams township.....	242	194	138				
Oliver County.....							
	4,425	3,577	990				
Fort Clark village ³¹	86	...	...		
Township 141, range 81 (part of).....	116	80	47				
Township 141, range 82.....	190	142	48				
Township 141, range 83.....	246	242	73				
Township 141, range 84.....	251	217	93				
Township 141, range 85.....	191	143	62				
Township 141, range 86.....	243	188	133				
Township 141, range 87.....	278	241	17				
Township 142, range 81 (part of).....	54	50	42				
Township 142, range 82.....	195	148	51				
Township 142, range 83.....	160	172	6				
Township 142, range 84.....	394	209	26				
Township 142, range 85.....	234	210	82				
Township 142, range 86.....	221	210	37				
Township 143, range 81 (part of).....	250	202	32				
Township 143, range 82.....	85	20	14				
Township 143, range 83.....	145	111	58				
Township 143, range 84.....	144	159	38				
Township 143, range 85.....	151	133	31				
Township 143, range 86.....	249	167	1				
Township 143, range 87.....	208	229	36				
Township 144, range 82 (part of).....	201	142	8				
Township 144, range 83 (part of).....	94	45	35				
	36	48	20				

²⁸ MORTON.—Total for 1910 includes population (1,689) of part of Morton County, comprising Standing Rock Indian Reservation, taken to form Sioux County in 1914 and population (7,380) of part taken to form part of Grant County in 1916; and population (423) of part of Foust township, taken to form part of Grant County, and civil organization dissolved in remainder (township 138, ranges 88 and 89) since 1910. Total for 1900 includes population (3,279) of same territory (reservation returned independently of county in that year), and population (632) of Glenn Ullin township, taken to form parts of Classen and Foust townships between 1900 and 1910. Caribou township organized from part of Blue Grass township, and Copenhagen, Custer, De Vaul, Fair Valley, Flasher, Harmon, Judson, New Hope, and Sweet Briar townships organized from unorganized territory, since 1910. Flasher village incorporated from part of Flasher township since 1910. Population shown for Stevenson township for 1910 and 1900 includes population of that part of Stevenson township now in Grant County.

²⁹ MOUNTAIN.—Total for 1910 includes population (89) of part of Fort Berthold Indian Reservation, abolished and organized into civil townships since 1910. (See footnote, Dunn County.) Townships organized since 1910: Banner, Liberty, and Mountrail from parts of Fort Berthold Indian Reservation; Brookbank, Cottonwood, Debing, Knife River, Rat Lake, Redmond, Robinson, and Sdionia from unorganized territory; Model, Parshall, Plaza, and Van Hook from parts of Fort Berthold Indian Reservation and unorganized territory. Parshall city incorporated from part of Parshall township since 1910. Villages incorporated since 1910: Sanish from part of township 152, range 83 (part of Fort Berthold Indian Reservation in 1910); Van Hook from part of township 152, range 91 (now Van Hook township); Wabek from part of Plaza township. Part of township 149, range 92, for which no population was reported at the census of 1920 and which was not returned at the censuses of 1910 and 1900, is not shown in this table.

³⁰ NELSON.—Total for 1900 includes population (62) of part of township 152, range 58, annexed to Michigan City and Petersburg townships between 1900 and 1910. Pekin village incorporated from part of Osago township since 1910.

³¹ OLIVER.—Fort Clark village incorporated from part of township 143, range 83, since 1910.

NUMBER AND DISTRIBUTION.

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TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

¹Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 223. For population of incorporated places, see Table 3.

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Pembina County.....	15,177	14,749	17,869	Ramsey County—Continued.			
Advance township.....	457	354	482	Irvine township (school).....	106	118	107
Akra township.....	457	405	584	Lake township.....	338	298	552
Bathgate city.....	362	328	641	Lawton township ²⁴	268	406	150
Bathgate township.....	248	208	300	Lawton village ²⁴	227		
Beauflieu township.....	402	410	474	Lillehoff township.....	285	386	258
Canton village.....	101	115	98	Minnewaukan township.....	315	293	512
Carlisle township.....	452	421	600	Morris township.....	163	179	167
Cavalier city.....	819	652	671	Newbre township.....	221	197	103
Cavalier township.....	767	680	922	Newland township.....	308	207	231
Crystal city.....	349	370	385	Noonan township.....	214	215	206
Crystal township.....	339	335	401	Northfield township ²⁴	224	341	74
Drayton city.....	637	587	688	Norway township.....	226	227	225
Drayton township.....	325	318	364	Odessa township.....	205	235	219
Elora township.....	246	237	318	Ontario township.....	315	265	233
Felson township ²⁴	352			Overland township.....	215	222	100
Gardar township.....	507	506	761	Pleasant township.....	166	204	180
Hamilton township, including Hamilton village.....	578	558	692	Prospect township.....	284	219	142
Joliette township.....	479	404	522	Royal township.....	233	249	145
La Moure township.....	367	331	288	South Minnewaukan township.....	186	148	
Lincoln township.....	443	369	420	Starkweather village.....	302	246	
Ledena township.....	272	298	342	Stevens township.....	243	282	467
Midland township.....	455	418	578	Sullivan township.....	191	121	168
Neche township, including Neche village.....	945	971	1,205	Triumph township.....	156	144	72
Park township.....	303	308	350	Webster township.....	305	334	225
Pembina city.....	802	717	929				
Pembina township.....	488	503	583				
St. Joseph township ²⁴	632	1,144	1,160				
St. Thomas city.....	500	513	601	Ransom County.....	11,618	10,345	6,915
St. Thomas township.....	505	472	814	Alicton township.....	322	284	185
Thingvalla township.....	632	722	752	Alleghany township.....	281	235	114
Walhalla city.....	634	502	377	Bale township.....	296	210	117
Walhalla township.....	342	437	452	Big Bend township.....	309	277	189
Pierce County.....	9,283	9,740	4,785	Casey township.....	414	395	311
Antelope Lake township.....	286	288	32	Coburn township.....	145	120	107
Barton township.....	156	300	243	Elliott township.....	308	304	138
Barton village.....	158	202		Enderlin city.....	1,919	1,540	636
Elling township.....	288	262	2	Fort Ransom township.....	616	574	402
Elverum township.....	341	228	32	Greene township.....	233	221	215
Girard township ²⁴ (T. 153, R. 73).....	140	178	24	Hanson township.....	412	360	190
Hurricane Lake township ²⁴ (school) (T. 157, R. 69).....	191	229	208	Island Park township.....	331	276	163
Jefferson township.....	278	320	200	Liberty township.....	251	270	278
Meyer township ²⁴ (T. 156, R. 72).....	181	294	189	Lisbon city.....	1,855	1,758	1,046
Ness township.....	204	413	280	Moore township.....	322	310	287
Reno Valley township.....	283	325	142	Northland township.....	339	347	336
Rosedale township.....	169	128	42	Owego township.....	243	203	213
Rugby city.....	1,424	1,630	487	Preston township.....	381	359	304
Rush Lake township ²⁴ (T. 157, R. 70).....	182	150	110	Roland township.....	229	187	71
Tuscarora township.....	320	350	154	Rosemond township.....	237	183	175
Union township ²⁴ (school) (T. 158, R. 69).....	233	201	161	Sandoun township.....	237	241	88
White township.....	276	263	185	Sheldon village.....	321	358	318
Wolford township.....	433	475	50	Shenford township.....	471	413	388
Township 151, range 72.....	495	382	408	Springer township.....	336	301	271
Township 151, range 73.....	313	289	199	Syndra township.....	270	200	142
Township 152, range 72 ²⁵	343	345	347	Tuller township.....	350	236	187
Township 152, range 73.....	179	133	55	South $\frac{1}{2}$ township 134, range 54.....	107	(S)	77
Township 154, range 73.....	333	187	100				
Township 154, range 74.....	229	192	31	Renville County ²⁶	7,776	7,840	
Township 156, range 73.....	242	207	157	Brandon township.....	192	207	
Township 157, range 73.....		233	193	Callahan township ²⁶	181	312	
Township 157, range 71.....	146	205	49	Clay township.....	197	187	
Township 157, range 72.....	190	246	245	Colquhoun township.....	258	228	
Township 157, range 74.....	258	311	137	Eden Valley township.....	268	317	
Township 158, range 71.....	215	219	132	Ensign township.....	210	243	
Township 158, range 72.....	157	198	36	Fairbanks township.....	442	521	
Township 158, range 73.....	332	269	147	Glenburn village.....	228	268	
Ramsey County.....	15,427	15,199	8,193	Grano village ²⁶	112		
Bartlett township.....	241	359	266	Grover township.....	244	239	
Bartlett village.....	98	120		Hamerly township.....	222	212	
Bergen township.....	169	204	187	Hamlet township.....	200	227	
Brocket village.....	240	186		Hurley township ²⁶	160	271	
Cato township ²⁴	158	153	62	Ivanhoe township.....	261	272	
Churches Ferry village.....	353	457	264	Lockwood township.....	158	108	
Cleveland township.....	156	185	151	Lorraine village ²⁶	74		
Coulee township.....	381	419	300	McKinney township.....	318	320	
Crary village.....	307	270		McHall city.....	651	498	
De Groat township.....	194	218	195	Muskogeo township.....	299	286	
Devils Lake city.....	5,140	5,157	1,729	Plain township.....	265	292	
Dry Lake township.....	195	234	221	Prescott township.....	167	251	
Edmore village.....	501	344		Prosperity township.....	288	280	
Fancher township.....	268	296	226	Rockford township.....	320	331	
Freshwater township.....	195	235	211	Roosevelt township.....	256	279	
Grand Harbor township.....	463	454	515	Sherwood city.....	423	328	
Hampden village ²⁴	199			Stafford township.....	331	349	
Highland township.....	258	221	174	Tolley village.....	325	250	
Hope township.....	215	160	157	Van Buren township.....	224	260	
				White Ash township.....	206	189	

²⁴ PEMBINA.—Felson township organized from part of St. Joseph township since 1910.

²⁵ PIERCE.—Girard, Meyer, and Rush Lake townships, and Hurricane Lake and Union school townships organized from unorganized territory since 1910. Township 152, range 72, returned as Alexander township in 1910; civil organization dissolved since 1910. Townships 156 and 157, range 73, not returned separately in 1920.

²⁶ RAMSEY.—Cato township organized from Cato school township since 1910. Hampden village incorporated from part of Northfield township, and Lawton village from part of Lawton township, since 1910.

²⁷ RANSOM.—No population reported in 1910 for south $\frac{1}{2}$ township 134, range 54.

²⁸ RENVILLE.—Townships organized from school townships of same names since 1910. Grano village incorporated from part of Callahan township, and Lorraine village from part of Hurley township, since 1910.

POPULATION—NORTH DAKOTA.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistributed at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Richest County	20,887	19,659	17,387	Sargent County—Continued.			
Abercrombie township	682	678	1,002	Harlem township	267	230	140
Abercrombie village	266	299	—	Havana village	319	387	—
Antelope township	374	293	168	Herman township	309	322	285
Barney township	455	433	287	Jackson township	204	237	170
Barrie township	362	349	374	Kingston township	487	504	228
Belford township	393	315	346	Marboe township	283	272	222
Brandenburg township	352	369	552	Milnor town	680	641	322
Brightwood township	381	363	324	Milnor township	258	256	195
Center township	373	369	383	Ransom township	334	276	291
Colfax township	637	580	653	Rutland township	239	204	228
Danton township	319	263	317	Rutland village	261	224	—
De Villo township	377	310	283	Sargent township	237	256	318
Dexter township	302	329	288	Shuman township	356	342	338
Duerr township	597	694	615	Southwest township	161	112	74
Dwight township ³⁷	139	—	—	Taylor township	204	210	167
Dwight village ³⁷	408	584	623	Tewaukon township	422	376	271
Eagle township	744	723	701	Verner township	231	251	216
Elma township	349	375	247	Vivian township	438	396	261
Fairmount township	322	320	439	Weber township	207	261	402
Fairmount village	706	387	284	Whitestone Hill township	451	403	204
Freeman township	231	165	171	Willey township	265	239	114
Garborg township	251	277	293				
Grant township	334	270	373				
Great Bend village	142	191	—				
Greendale township	826	355	387	Sheridan County	7,935	8,103	
Hankinson city	1,477	1,503	713	Berlin township (school)	266	292	—
Holendale township	221	208	229	Boone township (school)	235	258	—
Homestead township	222	159	187	Cransville township (school)	314	329	—
Ibsen township	276	288	268	Denhoff township	323	332	—
La Mars township	344	287	231	Edgemont township	148	153	—
Liberty Grove township	309	330	327	Fairview township (school)	196	273	—
Lidgerwood city	1,065	1,019	585	Georgetown township ³⁹ (school)	290	307	—
Mooreton township ³⁷	236	367	344	Goodrich township (school)	280	280	—
Mooreton village ³⁷	123	—	—	Goodrich village	476	410	—
Moran township	834	386	312	Harris township ³⁹	258	296	—
Nansen township	259	259	228	Hellman township (school)	141	181	—
Sheyenne township	179	181	209	Highland township ³⁹ (T. 149, R. 77)	237	206	—
Summit township	504	576	612	Holmes township ³⁹	156	185	—
Viking township	149	155	169	Johns Lake township	178	134	—
Walpietan city	3,069	2,467	2,228	Lamont township	237	202	—
Walcott township	935	1,055	1,003	Lincoln township (school)	378	392	—
Waldo township	252	221	171	McClusky township ³⁹	138	176	—
West End township	158	128	127	McClusky city	646	517	—
Wyndmere township	293	254	244	Martin township (school)	404	566	—
Wyndmere village	570	430	—	Mauch township (school)	224	215	—
Rolette County	10,061	9,558	8,7,986	Mertz township ³⁹ (school)	281	231	—
Baxter township ³⁹	337	451	700	Mountain City township ³⁹	247	—	—
Currie township (school)	177	151	133	New Germantown township (school)	301	316	—
Dunseith city	374	478	—	Pickard township ³⁹	71	85	—
Ellsworth township (school)	226	226	147	Prophets township ³⁹	186	—	—
Fairview township	213	242	314	Rosenfield township (school)	307	326	—
Finnegan township ³⁹	222	253	146	Schiller township (school)	348	325	—
Gilbert township	237	214	256	Sperry township ³⁹	143	213	—
Hillside township (school)	414	198	—	Strasburg township ³⁹	275	305	—
Holmes township ³⁹	330	172	—	Whitaker township ³⁹ (school)	161	181	—
Hutchinson township	434	295	67	Sioux County ⁴⁰	3,308		
Island Lake township ³⁹	190	188	168	Menz township (T. 129, R. 90, and part of T. 130, R. 90)	148		
Kohlmeier township	225	269	167	Selfridge village ⁴⁰	153		
Leonard township ³⁹	246	301	105	School district No. 1 (T. 129, R. 87 and 88, and parts of Tps. 129 and 130, R. 89)	282		
Maryville township	216	217	270	School district No. 2 (T. 129, R. 84, 85, and 86; T. 130, R. 84; and parts of T. 130, R. 85 and 86, and T. 131, R. 85)	344		
Mount Pleasant township	248	276	292	School district No. 3 (T. 131, R. 83; T. 132, R. 80, 81, and 82; T. 133, R. 80 and 81; and parts of T. 131, R. 84; T. 132, R. 79 and 83; T. 133, R. 79 and 82; and T. 134, R. 79, 80, and 81)	1,124		
Mylo village	140	98	—	School district No. 4 ⁴⁰ (T. 129, R. 80, 81, 82, and 83; T. 130, R. 81, 82, and 83; T. 131, R. 82; and parts of T. 129, R. 79; T. 130, R. 78 and 80; and T. 131, R. 80 and 81)	1,257		
Oxford township (school)	283	302	205	Slope County ⁴¹	4,940		
Pleasant Valley township (school)	197	291	236	Amidon village ⁴¹	145		
Rices township	259	301	172	Carroll township (T. 134, R. 98)	196		
Rolette village	409	408	—	Cash township (T. 133, R. 102)	146		
Rolla city	675	587	400	Cedar Creek township (T. 133, R. 98)	134		
Russell township (school)	211	224	183	Chalky Butte township (T. 134, R. 101)	74		
St. John village	400	424	—	Connor township	148		
Shell Valley township ³⁹	237	262	289	Crawford township (T. 133, R. 104)	82		
South Valley township ³⁹	176	227	123	Deep Creek township (T. 133, R. 103)	81		
Thorne village	78	105	—	Dovre township	194		
Union township (school)	188	187	320				
Willow Lake township ³⁹	401	313	—				
Wolf Creek township (school)	215	206	179				
Turtle Mountain Indian Reservation	2,043	1,602	2,393				
Sargent County	9,655	9,202	6,039				
Bowen township	246	276	203				
Erampton township	316	297	162				
Cayuga village	182	175	—				
Cogswell village	445	418	—				
Denver township	298	255	139				
Dunbar township	327	303	218				
Forman town	402	392	257				
Forman township	238	212	106				
Halltownship	478	465	408				

³⁷ RICHLAND.—Dwight village incorporated from part of Dwight township, and Mooreton village from part of Mooreton township, since 1910.

³⁸ ROLETTE.—Total for 1900 includes population (750) of Dunseith school township, taken to form Carpenter, Hillside, and Mountain school townships between 1900 and 1910. Townships organized from school townships since 1910: Baxter from Northern and St. John; Finnegan from Dewey; Holmes from Carpenter; Island Lake from Island Lake and Scotch Block; Shell Valley from Brown; Willow Lake from Mountain; and Leonard and South Valley from school townships of same names.

³⁹ SHERIDAN.—Total for 1910 includes population of Mountain City school township (417), taken to form Mountain City and Prophets townships since 1910. Other townships organized from school townships since 1910: Harris from Herr; Sperry from White; Holmes, McClusky, Pickard, and Strasburg from school townships of same names, respectively. Other changes since 1910: Highland township organized from unorganized territory; civil organization of Georgetown school township dissolved; name of Mertz township changed from Saxon and name of Whitaker township from Horse Lake.

⁴⁰ SIOUX.—Organized from part of Morton County, comprising Standing Rock Indian Reservation, in 1914. Selfridge village incorporated from part of township 130, range 82, since 1910.

⁴¹ SLOPE.—For footnote, see following page.

NUMBER AND DISTRIBUTION.

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TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Slope County—Continued.				Steele County—Continued.			
E. Six township (T. 136, R. 98).....	229			Hugo township.....	195	179	113
Harper township (T. 134, R. 103).....	101			Luverne village ⁴³	225		
Hughes township (T. 133, R. 105).....	7			Melrose township.....	323	317	150
Hume township (T. 134, R. 99).....	142			Newburg township.....	451	522	554
Independent township (T. 134, R. 104).....	113			Primrose township.....	318	350	337
Marmath city.....	1,318			Riverside township.....	201	221	175
Minera Springs township.....	147			Sharon township.....	217	277	334
Moord township (T. 135, R. 99).....	132			Sharon village.....	362	304	
Peaceful Valley township.....	119			Sherbrooke township.....	217	303	250
Rainy Butte township (T. 135, R. 98).....	198			Westfield township.....	331	320	292
Richland Center township (T. 135, R. 103).....	97			Willow Lake township ⁴³	252	250	173
Sand Creek township 4 (T. 135, Rs. 101 and 102).....	221						
Sheets township (T. 133, R. 101).....	112						
Slope Center township (T. 134, R. 102).....	82						
Sunshine township (T. 135, R. 104).....	58						
Uniquet township (T. 136, R. 101).....	36			Stutsman County.....	24,575	18,180	4,9,143
White Lake township.....	118			Alexander township ⁴⁴ (T. 137, R. 66).....	200	148	
Woodberry township.....	104			Ashland township.....	230	249	
Township 133, range 106.....	20			Bloom township.....	214	192	
Township 134, range 105.....	66			Bloomfield township ⁴⁴ (T. 133, R. 68).....	216	158	
Township 135, range 105.....	35			Buchanan township.....	308	190	
Township 135, range 106.....	71			Chicago township.....	195	162	
Township 136, range 102.....	53			Cleveland village ⁴⁴	341		
Township 136, range 103.....	34			Conklin township ⁴⁴ (T. 144, R. 68).....	236	224	
Township 136, range 104.....	67			Corinne township.....	303	200	
Stark County.....	13,542	12,504	4,7,821	Corwin township.....	230	137	
Ash Coulee township ⁴⁴ (T. 139, R. 97).....	179	157	63	Courtenay township.....	204	215	
Belfield village ⁴⁴	528			Courtland village.....	400	539	
Dickinson city.....	4,122	3,678	2,076	Cusator township.....	147	81	
Farmers township ⁴⁴ (T. 138, R. 94).....	252	259	63	Decor Lake township.....	162	108	
Farmers Valley township ⁴⁴ (T. 140, R. 91, and part of T. 141, R. 91).....	231	200	128	Durham township.....	273	259	
Gaylord township ⁴⁴ (T. 138, R. 99).....	114	126		Edmunds township.....	248	223	
Grand Meadow township ⁴⁴ (T. 137, R. 99).....	144	214	41	Eldridge township.....	240	161	
Grand Vale township ⁴⁴ (Tps. 139 and 140, R. 93, T. 140, R. 94, and part of T. 141, R. 93).....	610	777	486	Flint township.....	230	180	
Green River township ⁴⁴ (T. 140, R. 90).....	245	280	205	Gerber township ⁴⁴ (T. 143, R. 69).....	146	156	
Heart River township ⁴⁴ (T. 139, R. 94).....	385	258	187	Glacier township.....	191	147	
Rader township.....	169	147	108	Gray township ⁴⁴ (T. 142, R. 62).....	185	207	
Richardton village.....	626	647		Grimlin township.....	203	273	
Simpson township ⁴⁴ (T. 137, R. 98).....	300	219		Hidden township ⁴⁴ (T. 141, R. 65).....	172	101	
South Heart township ⁴⁴ (T. 139, R. 98).....	233	225	36	Horner township.....	1,500	935	
Taylor village ⁴⁴	285			Iosco township.....	235	164	
Township 137, range 91.....	214	209	159	Jamastown city.....	6,827	4,353	
Township 137, range 92.....	210	249	132	Jim River Valley township ⁴⁴ (T. 142, R. 64).....	104	100	
Township 137, range 93.....	246	287	46	Kensal township.....	210	197	
Township 137, range 94.....	314	210	148	Kensal village.....	415	466	
Township 137, range 95.....	234	299	58	Lenton township ⁴⁴ (T. 138, R. 65).....	131	70	
Township 137, range 96.....	322	346	69	Lippert township.....	185	119	
Township 137, range 97.....	289	207	48	Lowery township ⁴⁴ (T. 144, R. 69).....	282	249	
Township 138, range 91.....	212	218	234	Lyon township.....	174	108	
Township 138, range 92.....	179	189	200	Manns township.....	250	108	
Township 138, range 93.....	163	188	82	Marston Moor township.....	125	147	
Township 138, range 95.....	255	246	60	Medina village.....	415	343	
Township 138, range 97.....	281	196	20	Midway township.....	179	126	
Township 138, range 98.....	145	157	12	Montpelier township ⁴⁴	199	257	
Township 139, range 91.....	211	219	211	Montpelier village ⁴⁴	188		
Township 139, range 92.....	347	109	385	Newbury township.....	248	173	
Township 139, range 95.....	236	289	66	Nogosek township.....	202	231	
Township 139, range 96.....	123	133	81	Paris township.....	268	155	
Township 139, range 97.....	162	491	48	Peterson township ⁴⁴ (T. 140, R. 69).....	162	155	
Township 140, range 92.....	115	158	125	Pingree township ⁴⁴	165	334	
Township 140, range 95.....	137	159	58	Pingree village ⁴⁴	236		
Township 140, range 97.....	232	232	237	Pleasant Valley township.....	196	164	
Township 140, range 98.....	217	186	92	Plainview township.....	115	118	
Township 140, range 99.....	197	200	65	Rose township.....	268	170	
Township 141, range 92 (part of).....	80	50	.....	Round Top township ⁴⁴ (T. 142, R. 68).....	126	98	
Steele County.....	7,401	7,616	5,888	St. Paul township.....	259	187	
Beaver Creek township.....	346	352	334	Severn township ⁴⁴ (T. 137, R. 64).....	271	172	
Broadlawn township.....	244	320	255	Sharlow township.....	161	160	
Carpenter township.....	231	200	155	Sinclair township.....	175	208	
Colgate township.....	259	329	170	Spiritwood township.....	320	264	
Easton township.....	204	220	176	Stirtton township ⁴⁴	186	190	
Edendale township.....	205	250	245	Streeter township ⁴⁴ (T. 137, R. 69).....	277	437	
Enger township.....	374	379	450	Streeter village ⁴⁴	640		
Finley township.....	275	267	359	Strong township ⁴⁴ (T. 142, R. 68).....	205	205	
Finley village.....	509	516	.....	Sydney township ⁴⁴ (T. 138, R. 64).....	200	135	
Franklin township.....	303	252	255	Valley Spring township.....	277	218	
Golden Luke township.....	357	328	289	Wadsworth township ⁴⁴ (T. 143, R. 68).....	229	169	
Greenview township.....	218	242	180	Walters township.....	161	135	
Hope city.....	699	909	606	Weld township ⁴⁴	263	315	
				Windsor township.....	240	112	
				Winfield township ⁴⁴ (T. 139, R. 62).....	231	157	
				Woodbury township ⁴⁴ (T. 139, R. 64).....	183	191	
				Woodworth village ⁴⁴	297		
				Ypsilanti township.....	280	241	
				Township 137, range 65.....	190	252	
				Township 139, range 66.....	194	98	
				Township 141, range 03.....	223	165	
				Township 141, range 60.....	145	120	
				Township 143, range 07.....	127	143	

⁴¹ SLOPE.—Organized from part of Billings County in 1915. Amidon village incorporated from part of Sand Creek township since 1910. No population reported in 1920 for township 134, range 106.

⁴² STARK.—Total for 1900 includes population (1,343) of territory taken to form Adams, Hettinger, and parts of Dunn and McKenzie Counties between 1900 and 1910, and population (289) of township 141, ranges 91, 92, and 93, not returned separately in 1900 and returned as located in Dunn and Stark Counties in 1910. Ash Coulee, Farmers, Farmers Valley, Gaylord, Grand Meadow, Grand Vale, Green River, Heart River, Simpson, and South Heart townships organized from unorganized territory since 1910. Belfield village incorporated from part of township 139, range 99, and Taylor village from part of township 140, range 93 (now part of Grand Vale township), since 1910.

⁴³ STEELE.—Luverne village incorporated from part of Willow Lake township since 1910.

⁴⁴ STUTSMAN.—County returned by school townships in 1900. Alexander, Bloomfield, Conklin, Gerber, Gray, Hidden, Jim River Valley, Lenton, Lowery, Peterson, Severn, Streeter, Strong, Sydney, Wadsworth, and Woodbury townships organized from unorganized territory since 1910. Villages incorporated since 1910: Cleveland from parts of Stirtton and Weld townships; Montpelier from part of Montpelier township; Pingree from part of Pingree township; Streeter from part of township 137, range 69 (now Streeter township); and Woodworth from part of Strong township. Name of Winfield township changed from Casson, and of Round Top township from Denny, since 1910.

POPULATION—NORTH DAKOTA.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistributed at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Towner County.....	8,327	8,963	6,491	Walsh County—Continued.			
Armondale township.....	291	272	205	Kensington township.....	304	336	414
Atkins township.....	184	192	170	Kinloss township.....	331	315	323
Bethel township ⁴⁵	146	180	191	Lampton township.....	284	302	359
Bisbee village.....	500	444	.....	Lankin village.....	334	341	.....
Cando city.....	1,111	1,332	1,061	Latona township.....	298	288	198
Cando township ⁴⁵ (T. 158, R. 66).....	205	133	211	Martin township.....	333	329	430
Coolin township.....	157	138	109	Medford township ⁴⁷	254	373	226
Crocus township ⁴⁵	192	260	237	Minto city.....	602	701	860
Crocus village ⁴⁵	37	.....	.....	Norton township.....	291	335	312
Dash township ⁴⁵ (T. 163, R. 65, and frac. T. 164, R. 65).....	178	212	131	Oakwood township.....	434	421	564
Egeland village.....	306	266	.....	Ops township.....	230	303	326
Grainfield township.....	229	234	170	Park River city.....	1,114	1,008	1,088
Hansboro village ⁴⁵	218	.....	.....	Perth township.....	311	323	245
Howell township.....	233	258	180	Pisek village.....	300	312	132
Lansing township ⁴⁵	156	187	149	Prairie Center township.....	468	516	567
Lewis township ⁴⁵ (T. 159, R. 66).....	154	169	150	Pulaski township.....	550	620	683
Maza township.....	203	174	206	Rushford township.....	304	265	430
Monroe township.....	179	228	138	St. Andrews township.....	376	296	500
Mount View township.....	256	278	298	Sauter township.....	252	248	219
New City township ⁴⁵ (T. 150, R. 68).....	167	241	200	Shepherd township.....	386	369	353
Olson township.....	126	195	151	Silvesta township.....	322	346	340
Perth village.....	218	221	.....	Tiber township.....	348	400	456
Picton township ⁴⁵	247	198	161	Vernon township.....	318	290	347
Rock Lake township.....	161	190	197	Vesta township.....	276	383	401
Rock Lake village.....	238	194	.....	Walsh Center township.....	375	346	425
Barles village ⁴⁵ (part of).....	15	24	.....	Walshville township.....	443	411	507
Sidney township ⁴⁵	185	408	165				
Smith township ⁴⁵	178	213	182	Ward County.....	28,811	48,25,281	48,7,981
Springfield township.....	233	265	433	Afton township (school).....	234	207	33
Teddy township.....	219	244	175	Anna township.....	170	121	3
Twin Hill township.....	227	227	102	Baden township (school).....	238	357	118
Victor township.....	231	318	150	Berthold township (school).....	324	330	57
Virginia township.....	235	266	161	Berthold city.....	498	454	.....
Zion township.....	266	310	300	Brillian township (school).....	302	337	8
Township 159, range 67.....	176	217	268	Burlington township (school).....	496	478	224
Township 160, range 67.....	240	268	152	Burt township (school).....	262	257	34
Trail County.....	12,210	12,545	13,107	Cameron township (school).....	192	148	1
Belmont township.....	287	283	508	Carbondale township (school).....	313	348	82
Bingham township.....	292	314	.....	Carlo township (school).....	376	318	66
Blanchard township.....	284	343	393	Carlo village.....	244	237	.....
Bloomfield township.....	266	251	309	Denmark township (school).....	335	446	249
Bohnack township ⁴⁶	226	462	610	Des Lacs township ⁴⁸ (school).....	250	443	82
Buxton township.....	668	668	1,110	Des Lacs village ⁴⁹	188	.....	.....
Caledonia township.....	306	424	993	Donnybrook village.....	267	297	.....
Eldorado township.....	343	380	418	Douglas village.....	284	171	.....
Elm River township.....	201	238	255	Elmdale township (school).....	337	380	287
Ervin township.....	356	366	430	Eureka township (school).....	265	325	121
Galesburg township.....	448	450	438	Evergreen township (school).....	111	142	20
Garfield township.....	442	547	512	Foxholm township (school).....	441	413	49
Greenfield township ⁴⁵	216	.....	.....	Freedom township (school).....	238	225	1
Hatton city.....	828	666	430	Gassman township ⁴⁸ (T. 152, R. 83).....	190	176	19
Herberg township.....	171	218	.....	Greeley township (school).....	143	165	11
Hillsboro city.....	1,183	1,287	1,172	Greenbush township (school).....	205	202	90
Hillsboro township.....	270	225	264	Harrison township (school).....	302	289	253
Kelso township.....	217	320	288	Hiddenwood township ⁴⁸ (part of T. 151, R. 87).....	237	127	.....
Lindaas township ⁴⁵	240	.....	.....	Hilton township ⁴⁸ (T. 152, R. 84).....	185	167	10
Mayville city.....	1,218	1,070	1,106	Iota Flattentownship (school).....	286	336	2
Mayville township ⁴⁵	369	668	703	Kennmarecity.....	1,446	1,437	.....
Morgan township.....	390	308	384	Kennmaretownship (school).....	272	443	485
Norman township.....	400	375	485	Kirklike township (school).....	437	360	158
Norway township.....	363	422	470	Linton township ⁴⁸ (T. 153, R. 84).....	148	114	.....
Portland city.....	623	501	524	Lund township (school).....	206	226	.....
Reynolds city ⁴⁵ (part of).....	205	253	216	McKinley township (school).....	268	312	78
Roseville township ⁴⁵	266	701	740	Mandan township (school).....	200	233	.....
Stavanger township.....	345	420	.....	Margaret township (school).....	193	190	4
Viking township ⁴⁵	408	.....	.....	Maryland township (school).....	226	334	10
Wold township.....	313	317	373	Mayland township (school).....	243	252	53
Walsh County.....	19,078	19,491	20,288	Minot city ⁴⁵	10,476	6,188	1,277
Acton township.....	427	378	526	Nedrose township ⁴⁸ (T. 155, R. 82).....	242	300	85
Adams township.....	308	334	359	Newman township (school).....	333	364	10
Adams village.....	404	338	.....	Orlet township (school).....	505	141	.....
Ardoch township.....	305	467	552	Passport township (school).....	232	239	5
Ardoch village.....	153	271	293	Ree township (school).....	329	294	.....
Cleveland township.....	312	343	201	Rice Lake township.....	161	193	6
Conway village.....	148	184	216	Rolling Green township (school).....	211	207	.....
Dewey township.....	279	208	148	Rushville township.....	313	270	3
Dundee township.....	346	392	457	Ryder township.....	250	180	.....
Eden township.....	237	249	307	St. Marys township (school).....	483	338	.....
Edinburg village.....	278	300	296	Sauk Prairie township (school).....	220	246	76
Fairdale village.....	192	140	.....	Sawyer township ⁴⁸ (school) (T. 153, R. 81).....	240	291	203
Farmington township.....	356	358	528	Sawyer village.....	180	219	93
Fertile township.....	459	472	543	Shealey township.....	241	327	.....
Fordville village ⁴⁷	320	.....	.....	Spencer township (school).....	152	118	109
Forest River township.....	194	352	370	Spring Lake township ⁴⁸ (T. 151, R. 84).....	374	438	109
Forest River village.....	226	283	252	Surrey township (school).....	191	190	19
Glenwood township.....	389	420	553	Tatman township (school).....	410	523	39
Golden township.....	241	316	348	Tolgan township (school).....	170	230	9
Grafton city.....	2,512	2,229	2,378	Torming township (school).....	156	148	2
Grafton township.....	435	666	609	Vang township (school).....	292	297	5
Harrison township.....	419	384	403	Waterford township (school).....	149	172	35
Hoople village.....	250	175	174	Willis township (school).....	210	282	34
				Township 154, range 81.....	183	284	97
				Township 154, range 82.....	293	228	122

⁴⁵ TOWNER.—Cando, Dash, Lewis, and New City townships organized from unorganized territory, and Picton from Picton school township since 1910. Name of Bethel township changed from Peno, Lansing from Mount Pleasant, and Smith from Bryan. Crocus village incorporated from part of Crocus township, and Hansboro village from part of Sidney township, since 1910. For total population of Barles village, see Table 3.

⁴⁶ TRAIL.—Greenfield township organized from part of Bohnack, Lindaas from part of Mayville, and Viking from part of Roseville since 1910. For total population of Reynolds city, see Table 3.

⁴⁷ WALSH.—Fordville village incorporated from part of Medford township since 1910.

⁴⁸ WARD.—Total for 1910 includes population (432) of North Minot village, annexed to Minot city since 1910. Total for 1900 includes population (8,100) of territory taken to form Burke, Mountrail, and Renville Counties between 1900 and 1910. Des Lacs village incorporated from part of Des Lacs school township since 1910. Gassman, Hiddenwood, Hilton, Linton, Sawyer (school), and Spring Lake townships organized from unorganized territory, and Nedrose from Norway school township, since 1910.

NUMBER AND DISTRIBUTION.

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TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for minor civil divisions for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 323. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Wells County.....	12,957	11,814	8,310	Williams County—Continued.			
Berlin township ⁴⁹	206	206	206	Dry Fork township.....	108	191	.....
Bilodeau township.....	241	211	54	Dublin township.....	167	144	.....
Bowdon village.....	306	302	.....	East Fork township.....	156	176	.....
Bremen township ⁴⁹	335	220	222	Ellisville township.....	266	178	.....
Bull Moose township ⁴⁹	401	274	18	Epping village ⁵⁰	116	.....	.....
Cathay township ⁴⁹	225	193	222	Equality township.....	240	245	.....
Cathay village.....	185	225	.....	Farmvale township.....	200	196	.....
Chaseley township ⁴⁹	379	255	63	Golden Valley township.....	220	236	.....
Cottonwood township (school).....	201	160	142	Good Luck township ⁵⁰ (T. 158, R. 102).....	239	197	.....
Crystal Lake township ⁴⁹	168	142	92	Grenora city ⁵⁰	358	.....	.....
Delger township.....	257	234	283	Grenora township ⁵⁰ (frac. T. 139, R. 103).....	98	59	.....
Fairville township ⁴⁹	253	243	214	Hardscrabble township ⁵⁰ (T. 153, R. 103; frac. T. 153, R. 104).....	143	188	.....
Fessenden city.....	731	713	.....	Hazel township ⁵⁰	273	222	.....
Forward township.....	171	322	299	Hebron township.....	260	284	.....
Fram township.....	442	468	299	Judson township.....	132	245	.....
Germantown township ⁴⁹	237	254	240	Lindahl township.....	229	231	.....
Haaland township ⁴⁹	229	227	348	Marshall township.....	228	191	.....
Hamburg township ⁴⁹	230	278	282	Missouri Ridge township.....	145	213	.....
Harvey city.....	1,500	1,443	.....	Mont township.....	166	196	.....
Hawks Nest township ⁴⁹	197	241	105	New Home township.....	243	96	.....
Heimdal township.....	436	306	239	Oliver township.....	171	86	.....
Highland township (school).....	191	216	237	Orthell township.....	200	185	218
Hillsdale township ⁴⁹	229	229	200	Pherrin township.....	153	222	.....
Johnson township ⁴⁹	220	227	136	Pleasant Valley township.....	234	300	.....
Lynn township ⁴⁹	174	110	13	Rainbow township.....	213	100	.....
Manfred township.....	439	445	303	Ruby city.....	563	436	.....
Norway township (school).....	332	352	233	Rock Island township.....	377	174	.....
Norway Lake township ⁴⁹	526	316	244	Round Prairie township ⁵⁰ (T. 154, R. 103; frac. T. 154, R. 104).....	214	216	.....
Oshkosh township (school).....	214	241	671	Sauk Valley township.....	251	143	.....
Pony Gulch township ⁴⁹	304	311	250	Scorio township ⁵⁰ (T. 159, R. 101).....	290	124	.....
Progress township ⁴⁹	242	216	135	South Meadow township.....	218	136	.....
Rusland township ⁴⁹	239	150	398	Springbrook township ⁵⁰	112	354	.....
Silver Lake township ⁴⁹	185	123	35	Springbrook village ⁵⁰	93	.....	.....
Speedwell township.....	323	311	132	Stony Creek township.....	394	239	.....
Sykeston township ⁴⁹	191	123	219	Strandahl township ⁵⁰ (frac. T. 157, R. 103).....	193	119	.....
Sykeston village.....	367	276	.....	Tioga township.....	212	238	.....
Valhalla township ⁴⁹	243	210	167	Tioga village.....	320	203	.....
Wells township.....	335	247	898	Trenton township ⁵⁰ (parts of T. 158, R. 101 and 102).....	247	240	.....
West Ontario township ⁴⁹	179	156	148	Truax township ⁵⁰ (parts of Tps. 153 and 154, R. 98).....	195	133	.....
Western township ⁴⁹	273	344	300	Twelve Mile township ⁵⁰ (T. 154, R. 99; part of T. 153, R. 99).....	316	306	.....
Woodward township ⁴⁹	236	202	237	Tyrone township.....	148	173	.....
				View township ⁵⁰ (T. 155, R. 97).....	194	200	.....
				West Bank township.....	238	181	.....
				Wheelock township.....	358	336	.....
				Wildrose city ⁵⁰	449	.....	.....
				Williston city.....	4,178	3,124	.....
				Williston township.....	270	220	.....
				Winner township ⁵⁰ (T. 158, R. 100).....	178	172	.....
				Township 154, range 95 (part of).....	80	113	.....
				Township 154, range 96 (part of).....	111	143	.....
				Township 154, range 97 (part of).....	60	57	.....
				Fractional township 158, range 103.....	135	43	.....

*See headnote.

⁴⁹ WELLS.—Townships organized from school townships since 1910: Berlin from Grant; Bull Moose from Buffalo; Chaseley from Antelope; Fairville from Fairview; Lynn from Eureka; Norway Lake from Viking; Progress from Lincoln; Silver Lake from Washington; West Ontario from Ontario; Western from Pioneer; and Bremen, Cathay, Crystal Lake, Germantown, Haaland, Hamburg, Hawks Nest, Hillsdale, Johnson, Pony Gulch, Rusland, Sykeston, Valhalla, and Woodward from school townships of same names, respectively.

⁵⁰ WILLIAMS.—Blue Ridge, Cow Creek, Good Luck, Grenora, Scorio, Strandahl, Trenton, Truax, Twelve Mile, View, and Winner townships organized from unorganized territory, and fractional townships 153 and 154, range 104, annexed to Hardscrabble and Round Prairie townships, respectively, since 1910. Grenora city incorporated from part of Grenora township; Wildrose city from part of Hazel township, and Epping and Springbrook villages from parts of Springbrook township, since 1910.

POPULATION—NORTH DAKOTA.

TABLE 3.—POPULATION OF INCORPORATED PLACES: 1920, 1910, AND 1900.

[The absence of population figures for 1910 or 1900 indicates that the place was incorporated at some date between the censuses, unless otherwise explained by footnote.
Places which in 1910 were incorporated but, through surrender of charter or for other reasons, have no corporate existence in 1920 are not presented in this table.]

CITY, TOWN, OR VILLAGE.	County.	1920	1910	1900	CITY, TOWN, OR VILLAGE.	County.	1920	1910	1900
Abercrombie village.....	Richland.....	266	299	.....	Fairdale village.....	Walsh.....	192	140	.....
Adams village.....	Walsh.....	404	333	.....	Fairmount village.....	Richland.....	700	387	284
Ambrose city ¹	Divide.....	389	320	.....	Fargo city.....	Cass.....	21,961	14,331	9,589
Amidon village.....	Slope.....	145	.....	.....	Fessenden city.....	Wells.....	731	713	.....
Anamoose village.....	McHenry.....	563	669	.....	Finley village.....	Steele.....	599	516	.....
Aneta city.....	Nelson.....	662	654	.....	Flasher village.....	Morton.....	287	.....	.....
Antler city.....	Bottineau.....	265	342	.....	Flaxton village.....	Burke.....	374	301	.....
Ardoin village.....	Walsh.....	153	271	298	Forbes village.....	Dickey.....	298	221	.....
Ashley village.....	McIntosh.....	1,009	682	.....	Fordville village.....	Walsh.....	320	.....	.....
Balfeur village.....	McHenry.....	322	309	.....	Forest River village.....	Walsh.....	226	233	252
Bartlett village.....	Ramsey.....	98	120	.....	Forman town.....	Sargent.....	402	352	257
Barton village.....	Pierce.....	158	202	.....	Fort Clark village.....	Oliver.....	86	.....	.....
Bathgate city.....	Pembina.....	352	323	841	Fortuna village.....	Divide.....	198	.....	.....
Beach city ¹	Golden Valley.....	1,106	1,003	.....	Fredonia village.....	Logan.....	296	.....	.....
Beifield village.....	Stark.....	520	.....	.....	Fullerton village.....	Dickey.....	202	206	.....
Benedict village.....	McLean.....	195	.....	.....	Gackle village.....	Logan.....	424	.....	.....
Berlin village.....	La Moure.....	130	187	.....	Gardena village.....	Bottineau.....	99	119	.....
Berthold city ¹	Ward.....	498	454	.....	Garrison city ¹	McLean.....	714	406	.....
Berulah village.....	Mercer.....	552	.....	.....	Gascoyne village.....	Bowman.....	60	.....	.....
Binford village.....	Griggs.....	393	275	.....	Glen Ullin city ¹	Morton.....	875	921	.....
Bisbee village.....	Towner.....	500	444	.....	Glenburn village.....	Renville.....	228	268	.....
Bismarck city.....	Burleigh.....	7,122	5,443	3,319	Golden Valley village.....	Mercer.....	369	.....	.....
Bottineau city.....	Bottineau.....	1,172	1,331	888	Goodrich village.....	Sheridan.....	476	410	.....
Bowbells city.....	Burke.....	643	651	.....	Grafton city.....	Walsh.....	2,512	2,229	2,378
Bowdon village.....	Wells.....	306	302	.....	Grand Forks city ¹	Grand Forks.....	14,010	12,478	7,652
Bowman village.....	Bowman.....	767	481	.....	Granville.....	Renville.....	112	.....	.....
Braddock village.....	Emmons.....	216	.....	.....	Gravina city.....	McHenry.....	394	455	.....
Brinsmade village.....	Benson.....	191	203	.....	Great Bend village.....	Richland.....	142	191	.....
Brocket village.....	Ramsey.....	240	188	.....	Grenora city.....	Williams.....	358	.....	.....
Bucyrus village.....	Adams.....	113	.....	.....	Hague village.....	Emmons.....	315	183	.....
Buffalo village.....	Cass.....	268	241	213	Halliday village.....	Dunn.....	289	.....	.....
Calio village.....	Cavalier.....	132	.....	.....	Hamilton village.....	Pembina.....	200	213	224
Cando city.....	Towner.....	1,111	1,382	1,061	Hampden village.....	Ramsey.....	199	.....	.....
Canton village (Hensel F. O.).....	Pembina.....	101	115	98	Hankinson city ¹	Richland.....	1,477	1,503	713
Carpio village.....	Ward.....	244	257	.....	Hannaford village.....	Griggs.....	431	340	.....
Carrington city.....	Foster.....	1,420	1,217	.....	Hansboro village.....	Towner.....	218	.....	.....
Carson village.....	Grant.....	277	.....	.....	Harvey city.....	Wells.....	1,590	1,443	.....
Casselton city.....	Cass.....	1,538	1,553	1,207	Hutton city.....	Trail.....	828	668	430
Cathay village.....	Wells.....	185	225	.....	Hyvana village.....	Sargent.....	319	887	.....
Cavalier city.....	Pembina.....	819	652	871	Haynes village.....	Adams.....	113	.....	.....
Cayuga village.....	Sargent.....	182	175	.....	Hazelton village.....	Emmons.....	382	.....	.....
Churches Ferry village.....	Ramsey.....	353	457	264	Hazen village.....	Mercer.....	520	597	.....
Cleveland village.....	Stutsman.....	341	.....	.....	Hebron city ¹	Morton.....	1,374	597	.....
Cogswell village.....	Sargent.....	445	418	.....	Hettinger city ¹	Adams.....	817	766	.....
Columbus village.....	Burke.....	382	225	.....	Hillsboro city.....	Trail.....	1,183	1,237	1,172
Conway village.....	Walsh.....	148	184	216	Hoople village.....	Walsh.....	260	175	174
Cooperstown city.....	Griggs.....	1,112	1,019	648	Hopa city.....	Steele.....	699	909	606
Courtney village.....	Stutsman.....	490	539	.....	Hunter village.....	Cass.....	424	365	407
Crary village.....	Ramsey.....	307	279	.....	Inkster city.....	Grand Forks.....	388	383	.....
Crocus village.....	Towner.....	37	.....	.....	Jamestown city.....	Stutsman.....	6,627	4,368	2,853
Crosby city ¹	Divide.....	1,147	208	.....	Jud village.....	La Moure.....	178	99	.....
Crystal city.....	Pembina.....	349	376	385	Kathrym village.....	Barnes.....	289	.....	.....
Davenport village.....	Cass.....	214	226	245	Kenmare city.....	Ward.....	1,446	1,437	.....
Dawson village.....	Kidder.....	293	.....	.....	Kensel village.....	Stutsman.....	415	456	.....
Dazey village.....	Barnes.....	293	265	.....	Kermot village.....	Divide.....	37	108	.....
Deering village.....	McHenry.....	142	150	.....	Kief village.....	McHenry.....	307	.....	.....
Des Lacs village.....	Ward.....	188	.....	.....	Killdeer village.....	Dunn.....	512	.....	.....
Devils Lake city.....	Ramsey.....	5,140	5,157	1,729	Kindred village.....	Cass.....	334	.....	.....
Dickey village.....	La Moure.....	190	187	.....	Knox village.....	Benson.....	173	330	.....
Dickinson city.....	Stark.....	4,122	3,678	2,076	Kramer village.....	Bottineau.....	172	181	.....
Dodge village.....	Dunn.....	172	.....	.....	Kulm city.....	La Moure.....	725	645	463
Dogden village.....	McLean.....	252	320	.....	La Moure city.....	La Moure.....	1,014	920	457
Donnybrook village.....	Ward.....	287	297	.....	Lakota city.....	Nelson.....	859	1,023	576
Douglas village.....	Ward.....	284	171	.....	Langdon city.....	Cavalier.....	1,228	1,214	1,188
Drake city ¹	McHenry.....	517	348	.....	Lankin village.....	Walsh.....	334	341	.....
Drayton city.....	Pembina.....	637	587	688	Lansford city.....	Bottineau.....	337	456	.....
Dunn Center village.....	Dunn.....	247	.....	.....	Leirnors city.....	Grand Forks.....	1,089	1,224	1,235
Dunseith city.....	Rolette.....	374	478	.....	Larson village.....	Burke.....	114	.....	.....
Dwight village.....	Richland.....	130	.....	.....	Lawton village.....	Ramsey.....	227	.....	.....
East Fairview village.....	McKenzie.....	175	.....	.....	Leal village.....	Barnes.....	88	.....	.....
Eckman village.....	Bottineau.....	64	84	.....	Leeds city.....	Benson.....	704	682	349
Edgeley city ¹	La Moure.....	803	749	308	Lehr city ¹	(Logan.....)	362	182	.....
Edinburg village.....	Walsh.....	278	300	288	Leith village.....	McIntosh.....	158	.....	.....
Edmore village.....	Ramsey.....	501	344	.....	Lidgerwood city.....	Richland.....	1,065	1,019	585
Egeland village.....	Towner.....	306	268	.....	Lignite village.....	Burke.....	214	.....	.....
Elgin city.....	Grant.....	429	.....	.....	Linton city ¹	Benson.....	1,011	844	.....
Ellendale city.....	Dickey.....	1,334	1,389	750	Lisbon city.....	Ransom.....	1,855	1,758	1,046
Enderlin city.....	Ransom.....	1,910	1,540	638	Litchville village.....	Barnes.....	528	484	.....
Epping village.....	Williams.....	118	.....	.....	Lorraine village.....	Renville.....	74	.....	.....
Esmond village.....	Benson.....	343	368	.....	Ludden village.....	Dickey.....	132	109	.....

¹ Incorporated as a city since 1910.² See county footnote, Table 2.³ Part in Logan County, 91 in 1920; part in McIntosh County, 271 in 1920. Returned as located wholly in McIntosh County in 1910.

NUMBER AND DISTRIBUTION.

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TABLE 3.—POPULATION OF INCORPORATED PLACES: 1920, 1910, AND 1900—Continued.

[The absence of population figures for 1910 or 1900 indicates that the place was incorporated at some date between the censuses, unless otherwise explained by footnote. Places which in 1910 were incorporated but, through surrender of charter or for other reasons, have no corporate existence in 1920 are not presented in this table.]

CITY, TOWN, OR VILLAGE.	County.	1920	1910	1900	CITY, TOWN, OR VILLAGE.	County.	1920	1910	1900
Luverne village.	Steele.	225			Rolla city.	Rolette.	675	587	400
McClusky city ¹ .	Sheridan.	640	517		Rugby city.	Pierce.	1,424	1,030	487
McHenry village.	Foster.	299	398		Ruso village.	McLean.	120	141	
McVille village.	Nelson.	516	310		Russell village.	Bottineau.	119	161	
Maddock city ¹ .	Benson.	557	374		Rutland village.	Sargent.	291	221	
Mandan city.	Morton.	4,330	3,873	1,638	Ryder village.	Ward.	483	338	
Mapleton village.	Cass.	108	207	322	St. John village.	Rolette.	460	424	
Marion village.	La Moure.	204	241		St. Thomas city.	Pembina.	500	513	681
Marmarth city ¹ .	Slope.	1,318	790		Sanborn village.	Barnes.	391	390	259
Max village.	McLean.	473	285		Sanish village.	Mountain.	337		
Maxbass village.	Bottineau.	147	240		Sarles village ⁴ .	Cavalier.	348	346	
Mayville city.	Trail.	1,213	1,070	1,108	Sawyer village.	Towner.			
Medina village.	Stutsman.	415	343		Scranton village.	Ward.	241	327	
Merricourt village.	Dickey.	70	78		Selfridge village.	Bowman.	353	214	
Michigan City.	Nelson.	491	449	309	Sentinel Butte village.	Sioux.	153		
Milnor town.	Sargent.	680	641	322	Golden Valley.	Golden Valley.	292		
Milton village.	Cavalier.	303	410	384	Sharon village.	Steele.	362	304	
Minnewaukan village.	Benson.	564	510	432	Sheldon village.	Ransom.	321	358	318
Minot city ² .	Ward.	10,470	6,188	1,277	Sherwood city ¹ .	Renville.	423	328	
Minto city.	Walsh.	602	701	800	Souris city.	Bottineau.	269	267	
Mohall city.	Renville.	651	493		Springbrook village.	Williams.	93		
Monango village.	Dickey.	231	238		Stanley city.	Mountain.	501	513	
Montpelier village.	Stutsman.	188			Stanton village.	Mercer.	325		
Moorcroft village.	Richland.	123			Starkweather village.	Ramsey.	302	216	
Mott village.	Hettinger.	723			Steole city.	Kidder.	550	500	185
Munich village.	Cavalier.	218			Strasburg village.	Emmons.	653	273	
Mylo village.	Rolette.	140	98		Streeter village.	Stutsman.	640		
Napoleon village.	Logan.	554			Sylkston village.	Wells.	367	270	
Neché village.	Pembina.	528	528	682	Tagus village.	Mountain.	133	105	
Nekoma village.	Cavalier.	189	120		Tappen village.	Kidder.	182		
New England city.	Hettinger.	613			Taylor village.	Stark.	285		
New Leipzig village.	Grant.	378			Thorne village.	Rolette.	78	105	
New Rockford city.	Eddy.	2,111			Tloga village.	Williams.	320	203	
New Salem city ¹ .	Morton.	711	621	220	Tolley village.	Renville.	325	250	
Newburg village.	Bottineau.	110	102		Tolna village.	Nelson.	199	200	
Niagara village.	Grand Forks.	199	157		Tower City village.	Cass.	447	452	468
Nome village.	Barnes.	267	218		Townier city.	McHenry.	610	601	331
Noonan village.	Divide.	376	153		Turtle Lake village.	McLean.	395		
North Fargo village.	Cass.	390			Tuttle village.	Kidder.	321		
Northwood city.	Grand Forks.	935	769	697	Underwood village.	McLean.	453	422	
Oakes city.	Dickey.	1,637	1,499	668	Upham village.	McHenry.	196	206	
Omenee village.	Bothinéau.	223	332		Valley City.	Barnes.	4,686	4,606	2,446
Oriska village.	Barnes.	300			Van Hook village.	Mountain.	331		
Osnabrook village.	Cavalier.	310	253		Velva city.	McHenry.	836	887	
Overly village.	Bottineau.	193	182		Venturia village.	McIntosh.	207		
Page village.	Cass.	452	479		Verona village.	Le Mourié.	258	235	
Palermo village.	Mountain.	179	177		Wabek village.	Mountain.	40		
Park River city.	Walsh.	1,114	1,008	1,088	Walnpton city.	Richland.	3,069	2,467	2,223
Parshall city.	Mountain.	376			Walhalla city ¹ .	Pembina.	634	592	377
Pefkin village.	Nelson.	197			Warwick village.	Benson.	290		
Pembina city.	Pembina.	802	717	929	Washburn city.	McLean.	558	657	
Perth village.	Towner.	218	221		Watford City village.	McKenzie.	260		
Petersburg village.	Nelson.	367	353		Werner village.	Dunn.	198		
Pillsbury village.	Barnes.	142			Westhorne city.	Bottineau.	439	502	
Pingree village.	Stutsman.	288			White Earth village.	Mountain.	247	264	
Pisek village.	Walsh.	300	312	132	Wildrose city.	Williams.	449		
Plaza village.	Mountain.	345	224		Williston city.	Williams.	4,178	3,124	763
Portal village.	Burke.	454	401		Willow City.	Bottineau.	559	623	476
Portland city ¹ .	Trail.	623	561	524	Wilton city ⁴ .	Burleigh.	1,026	437	
Powers Lake village.	Burke.	251			Wimbledon village.	McLean.	521	571	226
Ray city ¹ .	Williams.	563	436		Barnes.	1,003	432		
Reeder village.	Adams.	258	198		McIntosh.				
Regan village.	Burleigh.	202			Woodworth village.	Stutsman.	297		
Regent village.	Hettinger.	262			Wyndmere village.	Richland.	570	439	
Reynolds city ⁴ .	{ Grand Forks.	389	412	389	Zap village.	Mercer.	257		
Rhame village.	{ Trail.				Zeeland village.	McIntosh.	323	193	
Richardton village.	Bowman.	302							
Rock Lake village.	Stark.	628	647						
Rogers village.	Towner.	238	194						
Rolette village.	Barnes.	173							
	Rolette.	409	408						

¹ Incorporated as a city since 1910.

² Incorporated prior to 1910, but not shown separately at that census.

³ See county footnote, Table 2.

⁴ Part in Grand Forks County: 184 in 1920; 159 in 1910; 173 in 1900. Part in Traill County: 205 in 1920; 253 in 1910; 216 in 1900.

⁵ Part in Cavalier County: 333 in 1920; 322 in 1910. Part in Towner County: 15 in 1920; 24 in 1910.

⁶ Part in Burleigh County, 108 in 1920; part in McLean County, 918 in 1920. Returned in 1910 as a village located wholly in McLean County. For annexations, see footnote on Burleigh County, Table 2.

POPULATION—NORTH DAKOTA.

TABLE 4.—POPULATION OF WARDS OF CITIES HAVING 5,000 INHABITANTS OR MORE: 1920.

WARD.	1920	WARD.	1920	WARD.	1920
Bismarck city.....	7,122	Fargo city.....	21,961	Jamestown city.....	6,627
Ward 1.....	1,116	Ward 1.....	1,947	Ward 1.....	2,344
Ward 2.....	1,082	Ward 2.....	1,051	Ward 2.....	1,768
Ward 3.....	1,784	Ward 3.....	2,093	Ward 3.....	1,296
Ward 4.....	1,061	Ward 4.....	5,826	Ward 4.....	1,249
Ward 5.....	732	Ward 5.....	4,376		
Ward 6.....	1,347	Ward 6.....	3,155		
		Ward 7.....	3,013	Minot city.....	10,478
Devils Lake city.....	5,140	Grand Forks city.....	14,010	Ward 1.....	1,030
Ward 1.....	1,387	Ward 1.....	1,997	Ward 2.....	1,500
Ward 2.....	1,327	Ward 2.....	1,620	Ward 3.....	2,053
Ward 3.....	1,300	Ward 3.....	789	Ward 4.....	1,385
Ward 4.....	1,126	Ward 4.....	1,375	Ward 5.....	1,248
		Ward 5.....	2,470	Ward 6.....	410
		Ward 6.....	3,280	Ward 7.....	1,242
		Ward 7.....	2,570	Ward 8.....	1,599

TABLE 5.—URBAN AND RURAL POPULATION OF COUNTIES: 1920, 1910, AND 1900.

[A minus sign (—) denotes decrease.]

COUNTY.	POPULATION.						PER CENT URBAN IN TOTAL POPULATION.			PER CENT OF INCREASE IN—				Rural population per square mile: 1920.
	1920		1910		1900					Urban population.	Rural population.			
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	1920	1910	1900	1910 to 1920.	1900 to 1910.	1910 to 1920.	1900 to 1910.	
North Dakota.....	88,239	558,633	63,236	513,820	23,413	295,733	13.6	11.0	7.3	39.5	170.1	8.7	73.7	8.0
Barnes.....	4,086	18,992	4,006	13,460	—	13,159	25.1	25.5	—	1.7	—	4.0	2.3	9.3
Burleigh.....	7,122	8,456	5,443	7,644	3,819	2,762	45.7	41.6	54.6	30.8	64.0	10.6	176.8	5.1
Cass.....	21,961	19,516	14,331	19,604	9,689	19,036	52.9	42.2	33.5	53.2	49.5	-0.4	3.0	11.1
Grand Forks.....	14,010	14,785	12,478	15,410	7,052	16,807	48.7	44.7	31.3	12.3	63.1	-4.1	-8.3	10.3
Morton.....	4,336	14,378	3,873	21,416	—	10,277	23.2	15.3	—	12.0	—	-32.9	108.4	7.4
Ramsey.....	5,140	10,287	5,157	10,042	—	9,198	33.3	33.9	—	-0.3	—	2.4	9.2	8.5
Richland.....	3,089	17,818	—	19,650	—	17,387	14.7	—	—	—	—	-9.4	13.1	12.4
Stark.....	4,122	9,420	3,078	8,826	—	7,621	30.4	29.4	—	12.1	—	6.7	15.8	6.9
Stutsman.....	6,027	17,948	4,358	13,881	2,853	6,290	27.0	24.0	31.2	52.1	52.8	20.8	119.9	7.9
Walsh.....	2,512	10,506	—	19,401	—	20,288	13.2	—	—	—	—	-15.0	-3.9	12.9
Ward.....	10,476	18,335	6,188	19,093	—	7,961	36.4	24.5	—	69.3	—	-4.0	130.8	8.0
Williams.....	4,178	13,802	3,124	11,110	—	1,530	23.2	21.9	—	33.7	—	24.2	620.1	6.5
All other counties ¹	383,330	—	334,234	—	163,417	—	—	—	—	—	—	14.7	104.5	7.0

¹ Comprises all counties in which there are no incorporated places having 2,500 inhabitants or more in 1920. These counties are Adams, Benson, Billings, Bottineau, Bowman, Burke, Cavalier, Dickey, Divide, Dunn, Eddy, Emmons, Foster, Golden Valley, Grant, Griggs, Hettinger, Kidder, La Moure, Logan, McHenry, McIntosh, McKenzie, McLean, Mercer, Mountrail, Nelson, Oliver, Pembina, Pierce, Ransom, Renville, Rolette, Sargent, Sheridan, Sioux, Slope, Steele, Towner, Traill, and Wells.

COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

This section gives detailed statistics as to the composition and characteristics of the population on January 1, 1920. It contains detailed tables, which present statistics of color or race, nativity, parentage, sex, age, school attendance, citizenship, illiteracy, dwellings and families, and country of birth, for the state and for its counties and cities. There are, besides, eight summary tables, which reproduce from the detailed tables the more important state and city totals, and supplemental tables for the Indian population. There are, also, statistics which cover the following subjects, not included in the second series of state bulletins: Marital condition, state of birth, year of immigration, inability to speak English, country of origin, mother tongue, and ownership of homes. The full presentation of all these subjects is contained in Volume II of the Fourteenth Census Reports.

The principal occupations, as reported for persons 10 years of age and over, are given by sex, color or race, nativity, parentage, and age periods, followed by a summary, by marital condition and age groups, of women gainfully occupied.

Because of the wide differences in characteristics among the various classes of the population, the statistics on each subject are shown according to color or race, and for the white population according to nativity and parentage. Classification according to nativity and parentage has not been deemed necessary for the other races, since nearly all Negroes and Indians are natives of native parentage, while nearly all Chinese and Japanese are either foreign born or of foreign parentage.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born abroad; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. As the second and third classes do not differ greatly in characteristics, they are combined in certain tables; and in some cases all three native classes are combined.

The presentation of statistics on country of birth of the foreign-born white population is made on the basis of the postwar map. Because of the many political changes which have resulted from the war, comparative figures for 1910 for this class of the population by individual European countries are not presented here.

Since marked differences often exist between urban and rural communities with respect to the composition

and characteristics of their population, the two classes are shown separately in connection with several of the subjects. Urban population, as defined by the Census Bureau, is that residing in cities and other incorporated places having 2,500 inhabitants or more, the remainder being classified as rural.

The census inquiry as to school attendance was merely as to whether the person enumerated had attended school, college, or any kind of educational institution at any time between September 1, 1919, and the census date, January 1, 1920.

The Census Bureau classifies as illiterate any person 10 years of age or over who is unable to write in any language, not necessarily English, regardless of ability to read.

The statistics of marital condition relate only to persons 15 years of age and over, as the number of persons under 15 who are married, widowed, or divorced is naturally insignificant. The terms refer only to the marital status of the population on the census date.

The returns as to state of birth are valuable mainly for the light they throw on the migration of the native population within the United States; they show, for each state, the population residing there on January 1, 1920, distributed as born in the state or elsewhere.

Since the foreign-born population consists mainly of foreign-born whites, the statistics for citizenship relate to this class only. The classification embraces four groups, namely, persons reported as naturalized, persons reported as having taken out first papers, persons reported as aliens, and persons for whom citizenship was not reported.

The inquiry as to year of immigration supplies a means for determining what proportion of the immigrants who arrived during a given year or period of years were still alive and residing in this country on the census date.

The foreign white stock comprises the total of three classes, the foreign-born whites, the native whites of foreign parentage (both parents born abroad), and the native whites of mixed parentage (one parent native and the other foreign born). The term "country of origin," as used in this report, signifies the country of birth of the father of a foreign-born person or the foreign-born parent or parents of a native. The term "mother tongue" means the language of customary speech in the homes of immigrants before immigration.

POPULATION—NORTH DAKOTA.

TABLE 1.—COLOR OR RACE, NATIVITY, PARENTAGE, AND SEX, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920, 1910, AND 1900.

CLASS OF POPULATION.	NUMBER.			PER CENT OF TOTAL.			1920		1910		1900		MALES TO 100 FEMALES. ¹				
	1920 ²	1910	1900	1920	1910	1900	Male.	Female.	Male.	Female.	Male.	Female.	1920	1910	1900		
THE STATE.																	
Total population...	646,872	577,056	319,146	100.0	100.0	100.0	341,673	305,199	317,554	259,502	177,403	141,653	112.0	122.4	125.3		
White.....	630,954	569,856	311,712	98.9	98.8	97.7	338,031	301,923	312,551	250,004	173,676	138,036	112.0	122.6	125.8		
Negro.....	467	617	286	0.1	0.1	0.1	—	—	276	191	381	236	173	113	144.5	161.4	153.1
Indian.....	6,254	6,486	6,968	1.0	1.1	2.2	3,183	3,071	3,224	3,262	3,465	3,503	103.6	98.8	99.9		
Chinese.....	124	39	32	(2)	(2)	(2)	119	5	39	—	31	1	—	—	—		
Japanese.....	72	59	148	(2)	(2)	(2)	63	9	59	—	148	—	—	—	—		
All other (Hindu).....	1	—	—	(2)	—	—	1	—	—	—	—	—	—	—	—		
Native white, total.....	508,451	413,697	199,122	78.6	71.7	62.4	262,645	245,806	221,221	192,476	107,531	91,501	106.9	114.9	117.4		
Native parentage.....	207,906	162,461	65,811	28.2	28.2	20.6	108,334	99,632	89,162	78,290	37,306	28,505	108.7	121.6	130.9		
Foreign parentage.....	203,973	180,054	102,680	31.5	31.2	32.2	104,728	99,245	94,920	85,184	54,046	48,034	105.5	111.1	111.1		
Mixed parentage.....	96,512	71,182	30,631	14.9	12.3	9.6	49,583	46,929	37,139	34,043	16,179	14,452	105.7	109.1	111.9		
Foreign-born white.....	131,503	136,158	112,590	20.3	27.1	35.3	75,336	56,117	92,030	63,528	66,145	46,445	134.3	145.8	142.4		
URBAN POPULATION.																	
Total.....	88,230	63,236	23,413	100.0	100.0	100.0	43,630	44,609	33,909	29,327	12,188	11,225	97.8	115.6	108.6		
White.....	87,058	62,765	23,267	99.3	99.3	99.4	43,271	44,387	33,583	29,182	12,100	11,167	97.5	115.1	108.4		
Negro.....	272	306	125	0.3	0.5	0.5	155	117	197	109	73	52	132.5	180.7	—		
Indian, Chinese, and Japanese.....	309	165	21	0.4	0.3	0.1	204	105	120	36	15	6	194.3	—	—		
Native white, total.....	71,497	47,590	16,600	81.0	75.3	70.9	34,638	36,861	24,838	22,758	8,581	8,019	94.0	109.1	107.0		
Native parentage.....	36,448	23,814	8,117	41.3	37.7	34.7	18,292	18,156	13,158	10,658	4,481	3,638	100.7	128.5	123.2		
Foreign parentage.....	22,500	16,101	8,483	25.5	25.5	30.2	10,374	12,126	7,782	8,319	4,100	4,883	{ 55.6	93.5	—		
Mixed parentage.....	12,549	7,681	—	14.2	12.1	—	5,970	6,579	3,898	3,783	—	—	90.7	103.0	—		
Foreign-born white.....	16,161	15,160	6,667	18.3	24.0	28.5	8,035	7,526	8,745	6,424	3,519	3,148	114.7	136.1	111.8		
RURAL POPULATION.																	
Total.....	558,633	513,820	295,733	100.0	100.0	100.0	298,043	280,590	288,645	230,175	185,305	130,428	114.4	123.2	126.7		
White.....	552,296	507,000	288,445	98.9	98.7	97.5	294,760	257,536	280,268	226,822	101,576	126,869	114.5	123.6	127.4		
Negro.....	195	311	161	(2)	0.1	0.1	121	74	184	127	100	61	—	—	144.9		
Indian, Chinese, Japanese, and all other.....	6,142	6,419	7,127	1.1	1.2	2.4	3,162	2,980	3,193	3,226	3,629	3,498	106.1	99.0	108.7		
Native white, total.....	436,954	366,101	182,522	78.2	71.3	61.7	228,009	208,945	198,383	169,718	98,950	83,572	109.1	115.7	118.4		
Native parentage.....	171,518	138,047	57,694	30.7	27.0	19.5	90,042	81,476	76,004	62,643	32,825	24,869	110.5	121.3	132.0		
Foreign parentage.....	181,473	163,953	124,828	32.5	31.9	42.2	94,354	87,119	87,138	76,815	33,241	30,260	66,125	58,703	108.3		
Mixed parentage.....	83,968	63,501	—	15.0	12.4	—	43,613	40,850	48,591	83,885	57,104	62,026	43,297	108.1	110.9		
Foreign-born white.....	115,342	140,989	105,923	20.6	27.4	35.8	66,751	—	—	—	—	—	137.4	146.9	144.6		

¹ Ratio not shown where number of females is less than 100.² Less than one-tenth of 1 per cent.

TABLE 2.—SCHOOL ATTENDANCE, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920 AND 1910.

[Per cent not shown where base is less than 100. For statistics of school attendance for Indian population, see supplemental table.]

AGE PERIOD.	ALL CLASSES.			NATIVE WHITE.				FOREIGN-BORN WHITE.			NEGRO.				
	Total number.	Attending school.		Native parentage.		Foreign or mixed parentage.		Total number.	Attending school.		Total number.	Number.	Per cent.		
		Number.	Per cent.	Total number.	Number.	Per cent.	Total number.		Number.	Per cent.					
THE STATE: 1920															
5 to 20 years, inclusive....	233,065	158,259	67.9	85,780	60,975	71.1	134,674	91,459	67.9	10,144	4,747	46.8	111	70	63.1
Male.....	117,263	79,189	67.5	43,207	30,426	70.4	67,642	45,865	67.8	5,196	2,392	46.0	60	35	—
Female.....	115,302	79,070	68.3	42,573	30,649	71.8	67,032	45,594	68.0	4,948	2,355	47.6	51	35	—
5 and 6 years.....	35,045	11,970	34.2	15,507	5,670	36.6	18,818	6,157	32.7	363	110	30.3	22	3	—
7 to 13 years.....	111,711	102,876	92.1	42,787	39,780	93.0	64,819	59,903	92.4	2,906	2,521	86.8	54	47	—
14 and 15 years.....	26,900	23,489	87.3	9,100	8,211	90.2	16,118	13,982	86.7	1,415	1,136	80.3	12	12	—
16 and 17 years.....	25,143	13,417	53.4	7,911	2,855	61.4	15,073	7,727	51.3	1,892	701	37.2	14	7	—
18 to 20 years.....	84,266	6,607	19.0	10,475	2,450	23.5	19,846	3,690	18.6	3,503	276	7.7	9	1	—
URBAN POPULATION.															
5 and 6 years.....	3,713	1,584	42.7	2,092	907	43.4	1,646	652	42.2	65	24	—	8	1	—
7 to 13 years.....	11,916	11,310	94.9	5,997	5,723	95.4	5,514	5,234	94.9	326	281	86.2	17	15	—
14 to 20 years.....	11,042	5,988	54.2	4,669	2,812	60.2	5,555	2,916	52.5	747	216	28.9	13	8	—
RURAL POPULATION.															
5 and 6 years.....	31,332	10,386	33.1	13,415	4,763	35.5	17,272	5,505	31.9	298	88	28.9	14	2	—
7 to 13 years.....	7,795	91,560	91.8	30,790	24,057	92.6	59,305	54,089	92.2	2,580	2,240	86.8	37	32	—
14 to 20 years.....	75,207	37,425	49.7	22,817	12,713	55.7	45,482	22,488	49.4	6,128	1,900	31.0	22	12	—
THE STATE: 1910															
5 to 20 years, inclusive....	198,361	119,006	60.0	58,393	37,332	63.9	115,480	71,211	61.7	21,847	8,951	41.0	111	61	55.0
Male.....	101,940	60,657	59.5	30,031	18,899	62.9	58,407	36,055	61.7	12,209	4,948	40.5	53	32	—
Female.....	96,421	58,349	60.5	28,362	18,433	65.0	57,073	35,156	61.6	9,638	4,003	41.5	58	29	—
5 and 6 years.....	30,195	8,547	28.3	10,313	3,166	30.7	18,127	5,054	27.9	1,302	274	19.7	13	5	—
7 to 13 years.....	87,495	75,340	86.1	26,570	23,387	88.0	51,885	45,308	87.3	1,735	5,760	74.0	43	33	—
14 and 15 years.....	22,233	17,760	79.9	6,106	5,215	85.4	13,283	10,762	81.0	2,503	1,503	60.0	12	10	—
16 and 17 years.....	22,448	11,089	49.4	6,022	3,528	59.6	13,191	6,627	49.5	2,942	850	28.9	12	8	—
18 to 20 years.....	35,990	6,270	17.4	9,382	2,036	21.7	18,984	3,580	18.7	7,225	564	7.8	31	5	—
URBAN POPULATION.															
5 and 6 years.....	2,314	663	28.7	1,040	308	29.6	1,154	324	28.1	116	29	25.0</td			

COMPOSITION AND CHARACTERISTICS.

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TABLE 3.—AGE, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920 AND 1910.

[Per cent not shown where base is less than 100. For statistics of age for Indian population, see supplemental table.]

AGE PERIOD.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
				Native parentage.			Foreign or mixed parentage.								
	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.
THE STATE.															
All ages: 1920.....	646,872	341,673	305,199	207,906	108,834	99,632	300,485	154,311	146,174	131,503	75,386	56,117	467	276	181
Under 5 years.....	90,889	46,202	44,687	45,085	23,116	21,969	44,567	22,586	22,011	312	147	165	20	9	11
Under 1 year.....	16,800	8,375	8,225	8,605	4,356	4,250	7,517	3,938	3,879	19	11	8	5	.....	5
5 to 9 years.....	85,773	43,422	42,351	36,189	18,392	17,797	47,480	24,007	23,479	1,240	606	634	42	24	18
10 to 14 years.....	74,759	37,988	36,771	26,823	13,738	13,085	44,405	22,465	21,940	2,680	1,367	1,319	41	19	22
15 to 19 years.....	61,454	30,474	30,980	19,461	9,504	9,957	36,427	18,088	18,339	4,925	2,555	2,370	24	14	10
20 to 44 years.....	230,121	122,219	107,902	59,202	30,092	28,270	109,637	54,679	51,958	62,058	35,351	26,707	223	131	92
45 years and over.....	102,584	60,519	42,085	20,267	12,039	8,228	20,799	12,441	8,358	60,072	35,222	24,850	116	77	38
Age unknown.....	1,292	781	503	879	553	326	164	75	89	210	138	72	2	2	.....
18 to 44 years.....	253,308	133,575	119,733	66,480	34,376	32,054	120,127	61,294	58,833	64,333	36,584	27,749	228	133	95
21 years and over.....	322,918	178,148	144,770	77,101	42,011	35,000	121,244	64,113	57,131	121,047	70,043	51,004	336	207	120
Per cent: 1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	14.1	13.5	14.6	21.7	21.3	22.1	14.3	14.6	15.1	0.2	0.2	0.3	4.3	3.3	5.8
Under 1 year.....	2.6	2.5	2.7	4.1	4.0	4.3	2.6	2.6	2.7	(1)	(1)	(1)	1.1	.....	2.6
5 to 9 years.....	13.3	12.7	13.9	17.4	17.0	17.9	15.8	15.6	16.1	0.9	0.8	1.1	0.0	8.7	9.4
10 to 14 years.....	11.6	11.1	12.0	12.9	12.7	13.1	14.8	14.6	15.0	2.0	1.8	2.4	8.8	6.9	11.5
15 to 19 years.....	9.5	8.0	10.2	9.4	8.8	10.0	12.1	11.7	12.5	3.7	3.4	4.2	5.1	5.1	5.2
20 to 44 years.....	35.6	35.8	35.4	28.5	28.6	28.4	35.5	35.4	35.5	47.2	46.9	47.6	47.5	48.2	48.2
45 years and over.....	15.9	17.7	13.8	9.7	11.1	8.3	6.9	8.1	5.7	45.7	44.3	24.6	27.9	19.9	19.9
18 to 44 years.....	39.2	38.1	39.2	31.9	31.7	32.2	40.0	39.7	40.2	48.9	48.5	49.4	48.8	48.2	49.7
21 years and over.....	49.9	52.1	47.4	37.1	38.8	35.2	40.3	41.5	39.1	92.0	92.9	90.9	71.9	75.0	67.5
Per cent: 1910.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	14.3	13.1	15.7	19.1	17.7	20.0	19.5	18.8	20.2	0.9	0.8	1.1	6.0	4.5	8.5
Under 1 year.....	2.9	2.8	3.2	4.2	3.9	4.4	4.0	3.9	4.0	(1)	(1)	0.1	1.5	1.0	2.1
5 to 9 years.....	12.1	11.1	13.4	14.1	12.9	15.5	16.6	15.9	17.5	2.8	2.4	3.2	5.5	4.2	7.6
10 to 14 years.....	10.3	9.6	11.1	10.6	9.9	11.3	14.0	13.6	14.5	3.9	4.5	4.9	5.5	5.5	5.5
15 to 19 years.....	9.8	9.3	10.4	9.3	8.9	9.8	12.8	12.4	13.3	5.4	5.3	5.7	5.8	3.9	8.9
20 to 44 years.....	39.6	41.9	36.0	35.8	38.2	32.9	32.6	34.2	30.8	55.4	56.8	53.4	59.6	63.5	53.4
45 years and over.....	13.6	14.0	12.3	10.4	11.5	9.1	4.4	5.1	3.6	31.4	31.0	31.9	15.9	16.0	15.7
18 to 44 years.....	43.7	45.9	41.2	39.7	41.9	36.9	37.6	39.1	36.0	58.2	59.6	56.2	62.9	65.6	58.5
21 years and over.....	51.3	54.8	47.2	44.9	48.6	40.4	34.6	37.0	31.9	86.1	86.1	83.7	76.0	81.0	66.9
URBAN POPULATION.															
All ages: 1920.....	88,239	43,630	44,609	36,448	18,292	18,156	35,049	16,344	18,705	16,161	8,635	7,526	272	155	117
Under 5 years.....	9,713	4,831	4,882	5,988	2,971	3,017	3,044	1,824	1,820	50	24	32	12	4	8
Under 1 year.....	1,819	892	927	1,169	564	605	641	325	316	4	1	3	3	.....	3
5 to 9 years.....	8,125	4,582	4,643	4,931	2,450	2,481	3,081	2,037	1,944	187	83	104	10	11	5
10 to 14 years.....	8,038	3,990	4,048	3,870	1,929	1,047	3,818	1,896	1,922	270	140	180	12	5	7
15 to 19 years.....	7,812	3,361	4,451	3,270	1,394	1,876	3,964	1,707	2,257	523	233	290	9	5	4
20 to 44 years.....	37,720	17,985	19,305	18,412	6,773	6,039	16,008	6,954	9,054	7,583	4,057	3,526	103	95	68
45 years and over.....	15,710	8,546	7,164	4,514	2,402	2,022	3,501	1,908	1,683	4,066	3,427	60	60	35	26
Age unknown.....	551	335	216	457	283	174	43	18	25	49	32	17	.....	.....	.....
Percent: 1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.0	11.1	10.9	16.4	16.2	16.6	10.4	11.2	9.7	0.3	0.3	0.4	4.4	2.6	6.8
5 to 9 years.....	10.3	10.5	10.2	13.5	13.4	13.7	11.4	12.5	10.4	1.2	1.0	1.4	5.9	7.1	4.3
10 to 14 years.....	9.1	9.1	9.1	10.6	10.5	10.7	10.9	11.6	10.3	1.7	1.6	1.7	4.4	3.2	6.0
15 to 19 years.....	8.9	7.7	10.0	9.0	7.6	10.3	11.3	10.4	12.1	3.2	2.7	3.9	3.3	3.2	3.4
20 to 44 years.....	42.3	41.2	43.3	36.8	37.0	38.6	45.7	42.5	48.4	48.9	47.0	46.9	50.0	61.3	58.1
45 years and over.....	17.8	19.6	18.1	12.4	13.6	11.1	10.2	11.7	9.0	46.4	47.1	45.5	22.1	22.6	21.4
Percent: 1910.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.3	9.8	10.9	13.3	12.5	14.3	13.5	13.8	13.2	0.8	0.6	1.0	2.9	2.5	3.7
5 to 9 years.....	8.7	8.2	9.3	10.2	9.3	11.3	11.5	11.9	11.1	2.2	1.9	2.6	2.9	3.0	2.8
10 to 14 years.....	8.1	7.5	8.9	8.6	7.6	9.8	11.1	11.3	11.0	2.8	2.4	3.3	3.6	4.1	2.8
15 to 19 years.....	9.7	8.1	11.5	9.5	7.8	11.5	13.1	11.2	14.9	4.6	4.3	5.0	3.9	3.0	5.5
20 to 44 years.....	43.4	50.1	46.4	44.5	47.3	41.0	43.8	43.7	43.8	61.4	62.3	60.2	68.0	67.5	68.8
45 years and over.....	14.0	15.1	12.7	12.1	12.9	11.3	6.9	7.9	6.0	27.9	28.0	27.8	15.0	14.2	16.5
RURAL POPULATION.	558,033	298,043	260,590	171,518	80,042	81,476	265,436	127,469	115,342	66,751	48,591	195	121	74	.....
Under 5 years.....	31,176	41,431	39,745	39,097	20,145	18,952	40,023	20,732	20,191	256	123	133	8	5	3
Under 1 year.....	14,781	7,483	7,293	7,437	3,792	3,645	7,176	3,613	3,563	15	10	5	.....	.....	.....
5 to 9 years.....	76,648	38,840	37,803	31,288	15,942	15,316	43,505	21,970	21,535	1,053	523	530	26	13	13
10 to 14 years.....	66,721	33,998	32,723	22,047	11,809	11,138	40,587	20,569	20,018	2,416	1,227	1,189	29	14	15
15 to 19 years.....	53,642	27,113	26,529	16,191	8,110	8,081	32,463	16,381	16,082	4,402	2,322	2,080	15	9	6
20 to 44 years.....	192,831	104,234	88,597	45,850	24,219	21,631	90,629	47,725	42,904	54,475	31,294	23,181	60	36	24
45 years and over.....	86,874	51,973	34,901	15,753	9,547	6,206	17,208	10,533	6,075	52,579	31,156	21,423	55	42	13
Age unknown.....	741	454	287	422	152	57	64	101	106	55	2	2	.....	.....	.....
Percent: 1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	14.5	13.9	15.3	22.8	22.4	23.8	15.4	15.0	15.8	0.2	0.2	0.3	4.1	.....	.....
5 to 9 years.....	13.7	13.0	14.5	18.2	17.7	18.8	16.4	15.9	16.9	0.9	0.8	1.1	13.3	10.7	.....
10 to 14 years.....</td															

POPULATION—NORTH DAKOTA.

TABLE 4.—ILLITERACY, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920 AND 1910.

[Per cent not shown where base is less than 100. For statistics of illiteracy for Indian population, see supplemental table.]

AGE PERIOD.	ALL CLASSES.			NATIVE WHITE.				FOREIGN-BORN WHITE.			NEGRO.		
				Native parentage.		Foreign or mixed parentage.							
	Total number.	Illiterate.		Total number.	Illiterate.		Total number.	Illiterate.		Total number.	Illiterate.		Total number.
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	
THE STATE: 1920													
10 years and over.....	470,210	9,937	2.1	126,692	335	0.3	208,432	972	0.5	129,951	7,238	5.6	405
Male.....	251,989	4,681	1.9	66,526	191	0.3	107,748	543	0.5	74,833	3,221	4.3	243
Female.....	218,221	5,256	2.4	59,866	144	0.2	100,684	429	0.4	55,318	4,017	7.3	102
10 to 15 years.....	87,883	246	0.3	31,205	42	0.1	52,269	120	0.2	3,444	19	0.6	46
Male.....	44,613	137	0.3	15,893	21	0.1	26,482	68	0.3	1,762	6	0.3	21
Female.....	43,270	109	0.3	15,312	21	0.1	25,787	52	0.2	1,682	13	0.8	25
16 to 20 years.....	59,409	318	0.5	18,386	35	0.2	34,919	185	0.4	5,460	93	1.7	23
Male.....	29,228	170	0.6	8,922	24	0.3	17,153	77	0.4	2,828	50	1.8	15
Female.....	30,181	139	0.5	9,464	11	0.1	17,766	58	0.3	2,632	43	1.6	8
21 years and over.....	322,918	9,373	2.9	77,101	258	0.3	121,244	717	0.6	121,047	7,126	5.9	336
Male.....	178,148	4,265	2.5	42,011	146	0.3	64,113	398	0.6	70,043	3,165	4.5	207
Female.....	144,770	5,008	3.5	36,090	112	0.3	57,131	310	0.6	51,004	3,961	7.8	129
URBAN POPULATION.													
10 years and over.....	69,401	1,021	1.5	25,529	81	0.3	27,424	98	0.4	15,918	795	5.0	244
Male.....	34,217	466	1.4	12,871	44	0.3	12,483	65	0.4	8,528	333	3.9	140
Female.....	35,184	555	1.6	12,655	37	0.3	14,941	43	0.8	7,390	462	6.3	104
10 to 15 years.....	9,486	39	0.4	4,512	18	0.4	4,546	17	0.4	343	4	1.2	14
10 to 20 years.....	8,000	35	0.4	3,315	10	0.3	4,088	15	0.4	608	7	1.2	8
21 years and over.....	51,855	947	1.8	17,702	55	0.3	18,790	68	0.4	14,967	784	5.2	222
RURAL POPULATION.													
10 years and over.....	400,809	8,916	2.2	101,163	254	0.3	181,008	874	0.5	114,033	6,443	5.7	161
Male.....	217,772	4,215	1.9	63,955	147	0.3	95,265	488	0.5	66,105	2,888	4.4	103
Female.....	183,037	4,701	2.6	47,208	107	0.2	85,743	386	0.5	47,928	3,555	7.4	58
10 to 15 years.....	78,397	207	0.3	26,693	28	0.1	47,723	103	0.2	3,101	15	0.5	32
16 to 20 years.....	51,340	233	0.6	15,071	25	0.2	30,831	120	0.4	4,852	38	1.3	15
21 years and over.....	271,063	8,426	3.1	59,399	203	0.3	102,454	661	0.6	106,080	6,342	6.0	114
THE STATE: 1910													
10 years and over.....	424,730	13,070	3.1	108,422	349	0.3	180,559	1,064	0.7	150,451	9,474	6.3	546
Male.....	240,658	6,845	2.8	61,856	231	0.4	86,310	545	0.6	89,080	4,807	5.4	348
Female.....	184,072	6,425	3.5	46,566	118	0.3	74,249	519	0.7	60,771	4,667	7.7	193
10 to 15 years.....	69,996	874	1.2	20,000	20	0.1	41,525	270	0.7	7,370	448	6.1	34
Male.....	35,848	439	1.2	10,311	7	0.1	21,106	187	0.6	3,921	283	5.9	19
Female.....	34,148	435	1.3	9,749	13	0.1	20,419	133	0.7	3,449	215	6.2	15
16 to 20 years.....	58,438	1,246	2.1	15,404	34	0.2	32,185	262	0.8	10,167	838	8.2	43
Male.....	30,920	739	2.4	8,187	21	0.3	16,342	118	0.7	6,038	515	9.0	18
Female.....	27,518	507	1.8	7,217	13	0.2	15,843	144	0.9	4,129	293	7.1	25
21 years and over.....	296,296	10,950	3.7	72,058	205	0.4	86,849	532	0.6	132,914	8,188	6.2	400
Male.....	173,890	5,467	3.1	45,358	208	0.5	48,862	290	0.6	79,721	4,020	5.1	311
Female.....	122,406	5,483	4.5	29,000	92	0.3	37,987	242	0.6	53,193	4,159	7.8	158
URBAN POPULATION.													
10 years and over.....	51,226	1,114	2.2	18,220	23	0.1	17,844	28	0.2	14,721	1,039	7.1	288
Male.....	27,814	720	2.6	10,294	18	0.2	8,686	12	0.1	8,528	672	7.9	186
Female.....	23,412	394	1.7	7,926	5	0.1	9,158	16	0.2	6,193	307	5.9	102
10 to 15 years.....	6,150	23	0.4	2,426	1	(1)	3,181	2	0.1	497	20	4.0	13
16 to 20 years.....	6,728	154	2.3	2,419	1	(1)	3,334	9	0.3	927	143	15.4	14
21 years and over.....	38,348	937	2.4	13,375	21	0.2	11,329	17	0.2	18,297	876	6.6	201
RURAL POPULATION.													
10 years and over.....	373,504	11,956	3.2	90,202	326	0.4	142,715	1,036	0.7	135,730	8,435	6.2	258
Male.....	212,844	5,925	2.8	51,582	213	0.4	77,624	533	0.7	81,152	4,135	5.1	182
Female.....	160,660	6,031	3.3	38,640	118	0.3	65,091	503	0.8	54,578	4,390	7.0	96
10 to 15 years.....	63,846	851	1.3	17,634	19	0.1	38,344	268	0.7	6,878	428	6.2	21
16 to 20 years.....	51,710	1,092	2.1	12,935	33	0.3	28,851	253	0.9	9,240	695	7.5	29
21 years and over.....	257,948	10,013	3.9	59,583	274	0.5	75,520	515	0.7	119,617	7,312	6.1	203

1 Less than one-tenth of 1 per cent.

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TABLE 5.—POPULATION 21 YEARS OF AGE AND OVER, BY SEX, CLASS OF POPULATION, AND CITIZENSHIP, FOR THE STATE: 1920 AND 1910.

CLASS OF POPULATION AND CITIZENSHIP.	POPULATION 21 YEARS OF AGE AND OVER.			PER CENT DISTRIBUTION.			CLASS OF POPULATION AND CITIZENSHIP.	POPULATION 21 YEARS OF AGE AND OVER.			PER CENT DISTRIBUTION.			
	Male.		Female: 1920	Male.		Female: 1920		Male.		Female: 1920	Male.		Female: 1920	
	1920	1910		1920	1910			1920	1910		1920	1910		
Total.....	178,148	173,890	144,770	100.0	100.0	100.0								
White.....	178,167	171,941	143,225	98.9	98.9	98.9	Native white.....	106,124	92,220	92,221	59.6	53.0	63.7	
Negro.....	207	311	129	0.1	0.2	0.1	Native parentage.....	42,011	43,358	35,090	23.6	24.9	24.2	
Indian.....	1,613	1,551	1,409	0.9	0.9	1.0	Foreign parentage.....	49,091	38,401	43,577	27.6	22.1	30.1	
Chinese.....	101	35	3	0.1	(1)	(1)	Mixed parentage.....	15,022	10,461	13,554	8.4	6.0	9.4	
Japanese.....	50	52	4	(1)	(1)	(1)	Foreign-born white.....	70,043	79,721	51,004	39.3	45.8	35.2	
All other.....	1						Naturalized.....	61,550	46,636	39,837	28.8	26.8	27.5	
							Having first papers.....	6,558	9,824	407	3.7	5.6	0.3	
							Alien.....	7,017	10,065	6,702	3.9	6.3	4.6	
							Unknown.....	5,118	12,296	4,058	2.9	7.1	2.8	

¹ Less than one-tenth of 1 per cent.

TABLE 6.—COUNTRY OF BIRTH OF THE FOREIGN-BORN WHITE, FOR THE STATE AND FARGO: 1920.

COUNTRY OF BIRTH.	THE STATE.		FARGO.		COUNTRY OF BIRTH.	THE STATE.		FARGO.	
	Number.	Per cent distribution.	Number.	Per cent distribution.		Number.	Per cent distribution.	Number.	Per cent distribution.
All countries.....	131,503	100.0	3,788	100.0	Hungary.....	2,510	1.9	21	0.6
Austria.....	2,059	1.6	33	0.9	Ireland.....	1,060	1.3	124	3.3
Belgium.....	456	0.3	10	0.3	Luxemburg.....	229	0.2	7	0.2
Canada—French.....	1,533	1.2	56	1.5	Netherlands.....	903	0.7	7	0.2
Canada—Other.....	14,017	10.7	563	14.9	Norway.....	38,190	29.0	1,377	30.4
Czechoslovakia.....	2,056	1.6	14	0.4	Poland.....	2,230	1.7	52	1.4
Denmark.....	4,552	3.5	101	2.7	Rumania.....	1,811	1.4	20	0.5
England.....	2,287	1.7	145	3.8	Russia.....	29,617	22.5	201	5.3
Finland.....	1,108	0.8	3	0.1	Scotland.....	1,229	0.9	38	1.0
France.....	350	0.3	18	0.5	Sweden.....	10,543	8.0	575	15.2
Germany.....	11,960	9.1	286	7.6	Switzerland.....	506	0.4	19	0.5
Greece.....	420	0.3	40	1.1	Syria.....	289	0.2	29	0.8
					All other countries.....	973	0.7	40	1.3

TABLE 7.—INDIANS, CHINESE, AND JAPANESE, FOR COUNTIES: 1920, 1910, AND 1900.

COUNTY.	INDIAN.			CHINESE.			JAPANESE.			COUNTY.	INDIAN.			CHINESE.			JAPANESE.		
	1920	1910	1900	1920	1910	1900	1920	1910	1900		1920	1910	1900	1920	1910	1900	1920	1910	1900
The state.....	6,254	6,486	6,968	124	39	32	72	59	148	Nelson.....	2								
Barnes.....				5	1		1			Pembina.....	88	88	98						
Benson.....	812	1,026	1,181							Ramsey.....	31	8	2	14		1			6
Bottineau.....	6		1							Ransom.....									
Burleigh.....	20	82	5	17	6	5	1	6		Richland.....	85	125	5						
Cass.....	1	5	4	27	1	2				Rolette.....	2,466	2,129	2,546						
Cavalier.....	64	183	50	1						Sargent.....	29	49	42						
Dunn.....	245	237								Sioux.....	1,303			1					
Eddy.....	39									Slope.....									18
Emmons.....	7	6	14		3	7	3	2		Stark.....									
Grand Forks.....	1	1		14						Stutsman.....		3	2	12		7		3	5
McKenzie.....	11									Towner.....	14		1						
McLean.....	680	630	980	1	1					Walsh.....	3	13		7	1	2		1	
Mercer.....	200	134	40							Ward.....	1			9	15	13		36	24
Morton.....	7	1,288	1,011	3			12	1	2	Wells.....			1						75
Mountrail.....	7	88								Williams.....	142	87	77	5	6	4	9	18	73
										All other counties.....		3		8	2			1	

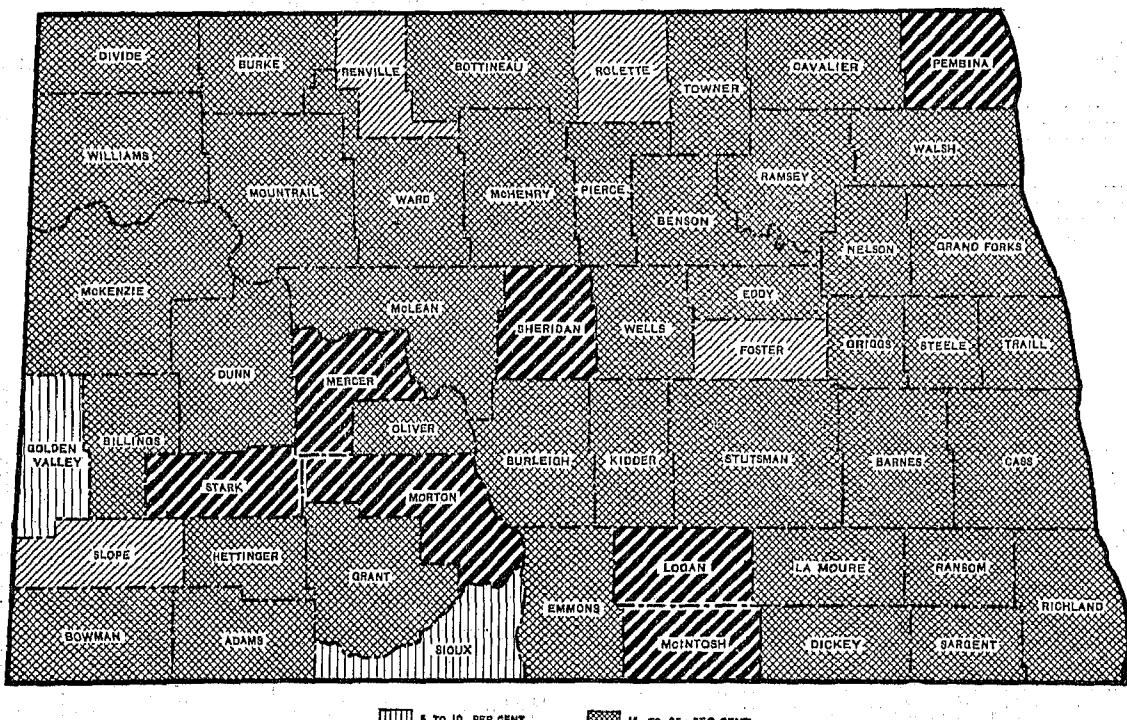
¹ Includes 1,905 Indians and 2 Chinese on that part of Standing Rock Indian Reservation in North Dakota, not returned by counties in 1900, but located in Morton County in 1910 and in Sioux County in 1920; see headnote, Table 9.

POPULATION—NORTH DAKOTA.

TABLE 8.—AGE, FOR CITIES OF 10,000 OR MORE: 1920.

AGE PERIOD.	ALL CLASSES.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.		AGE PERIOD.	ALL CLASSES.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Fargo.....	10,630	11,331	8,547	9,556	2,030	1,758	25	17	Minot.....	5,238	5,238	4,303	4,515	852	690	38	29
Under 5 years.....	1,125	1,155	1,121	1,153	3	2	.....	.....	Under 5 years.....	607	616	599	609	7	6	1	.....
Under 1 year.....	223	225	222	225	.....	.....	.....	.....	Under 1 year.....	109	108	121	121	1	1	2	.....
5 to 9 years.....	1,001	1,035	983	1,023	17	11	1	1	5 to 9 years.....	578	598	573	577	4	18	1	2
10 to 14 years.....	824	881	800	855	24	25	.....	.....	10 to 14 years.....	466	456	487	7	9	3	.....
15 to 19 years.....	752	1,057	706	1,008	42	47	2	2	15 to 19 years.....	334	315	318	492	14	23	2	.....
20 to 44 years.....	4,063	5,201	3,050	4,426	966	827	17	8	20 to 44 years.....	2,355	2,327	1,797	1,947	500	352	23	26
45 years and over.....	2,152	1,889	1,172	1,012	971	842	7	5	45 years and over.....	874	677	539	393	318	282	6	1
Age unknown.....	118	83	106	79	7	4	.....	.....	Age unknown.....	24	10	21	10	2	.....	.....	.....
18 to 44 years.....	4,056	5,778	3,961	4,928	986	847	17	8	18 to 44 years.....	2,490	2,565	1,924	2,173	508	364	23	26
21 years and over.....	6,708	6,929	4,787	5,265	1,934	1,051	24	13	21 years and over.....	3,170	2,906	2,284	2,249	812	628	29	27
Grand Forks.....	6,700	7,310	5,086	5,795	1,583	1,501	17	10	.....	.....	.....	.....	.....	.....	.....	.....	.....
Under 5 years.....	698	776	694	768	3	7	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Under 1 year.....	138	146	133	146	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5 to 9 years.....	708	780	680	702	19	28	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10 to 14 years.....	628	650	600	626	27	22	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
15 to 19 years.....	544	696	508	648	35	47	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20 to 44 years.....	2,616	3,126	1,930	2,463	608	659	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
45 years and over.....	1,452	1,297	619	558	826	735	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Age unknown.....	64	85	40	32	5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18 to 44 years.....	2,853	3,415	2,181	2,735	684	675	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
21 years and over.....	4,009	4,275	2,497	2,884	1,487	1,383	11	5	.....	.....	.....	.....	.....	.....	.....	.....	.....

PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.



COMPOSITION AND CHARACTERISTICS.

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TABLE 9.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR COUNTIES: 1920.

[Parts of Billings and Morton taken to form new counties since 1910. For detailed notes concerning changes in boundaries, see Vol. I, 1920, p. 144.]

[Per cent not shown where base is less than 100. For statistics of Indian population, by counties, see supplemental table.]

SUBJECT.	THE STATE.	Adams.	Barnes.	Benson.	Billings. ¹	Bottineau.	Bowman.	Burke.	Burleigh.	Cass.
COLOR OR RACE, NATIVITY, AND SEX.										
Total population.....	646,872	5,593	18,878	18,095	8,126	15,109	4,768	9,511	15,578	41,477
Male.....	341,873	2,984	9,770	7,044	1,657	7,965	2,500	5,084	8,220	21,043
Female.....	305,199	2,609	8,998	6,051	1,409	7,144	2,208	4,427	7,349	20,434
Native white.....	508,451	4,748	14,902	9,843	2,340	11,848	4,036	7,855	12,860	33,928
Male.....	262,045	2,485	7,321	5,154	1,234	6,135	2,117	3,980	6,076	16,708
Female.....	245,806	2,263	7,371	4,689	1,115	5,713	1,919	3,600	6,184	17,130
Native white—Native parentage.....	207,966	2,511	6,154	4,014	869	4,346	2,134	3,143	6,552	15,875
Native white—Foreign parentage.....	203,973	1,441	5,687	3,618	1,193	4,940	1,147	2,777	4,022	11,581
Native white—Mixed parentage.....	96,512	706	3,151	2,211	287	2,553	755	1,735	2,284	6,472
Foreign-born white.....	131,503	844	3,677	2,430	777	3,251	730	1,856	2,630	7,465
Male.....	75,388	408	2,140	1,404	423	1,824	411	1,005	1,492	4,185
Female.....	56,117	346	1,637	975	364	1,427	289	761	1,138	3,280
Negro.....	467	1	3	1	—	4	2	—	51	55
Male.....	276	1	3	1	—	3	2	—	33	31
Female.....	191	—	—	—	—	1	—	—	18	24
Indian, Chinese, Japanese, and all other (see Tables 1 and 7).....	6,451	—	6	812	—	6	—	—	37	29
Per cent native white.....	78.6	84.9	80.3	75.2	75.1	78.4	84.6	80.5	82.6	81.8
Per cent foreign-born white.....	20.3	15.1	19.7	18.6	24.9	21.5	15.3	19.5	16.9	18.0
Per cent Negro.....	0.1	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.3	0.1
1910: Total population.										
Native white.....	577,056	5,407	18,066	12,681	10,186	17,295	4,668	9,064	18,087	33,935
Foreign-born white.....	413,697	4,310	13,352	8,604	8,095	12,049	3,748	6,828	10,131	25,527
Negro.....	156,158	1,097	4,711	3,042	2,079	4,036	910	2,220	2,814	8,276
617	—	2	9	6	10	1	4	54	120	—
Per cent native white.....	71.7	79.7	73.9	67.8	79.5	73.1	80.3	75.3	77.4	75.2
Per cent foreign-born white.....	27.1	20.3	26.1	24.0	20.4	26.8	19.7	24.6	21.5	24.4
Per cent Negro.....	0.1	—	—	0.1	0.1	(2)	(2)	0.4	0.4	0.4
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.										
Total under 7 years of age.....	125,934	1,221	3,348	2,400	765	2,645	970	1,921	2,941	6,419
Total 7 to 13 years, inclusive.....	111,711	993	2,962	2,300	590	2,773	812	1,840	2,364	5,490
Number attending school.....	102,876	959	2,745	2,130	551	2,565	785	1,698	2,132	5,248
Per cent attending school.....	92.1	96.6	92.7	92.6	93.4	92.5	96.7	92.0	90.2	95.6
Total 14 and 15 years.....	26,900	217	775	583	123	727	184	420	594	1,450
Number attending school.....	23,489	210	697	508	113	655	171	365	513	1,298
Per cent attending school.....	87.3	96.8	80.9	87.1	91.9	90.1	92.0	86.9	86.4	89.5
Total 16 and 17 years.....	25,143	193	713	519	105	631	167	382	551	1,450
Number attending school.....	13,417	124	428	305	49	398	86	212	271	825
Per cent attending school.....	53.4	64.2	60.0	58.8	46.7	63.1	51.5	55.5	49.2	56.9
Total 18 to 20 years, inclusive.....	34,266	244	1,041	676	140	821	220	449	830	2,380
Number attending school.....	6,607	51	250	132	14	219	62	150	602	—
Per cent attending school.....	19.0	22.1	24.0	19.5	10.0	26.7	13.2	13.8	18.7	25.2
Males 21 years of age and over.....	178,148	1,532	5,340	3,723	706	4,132	1,372	2,553	4,550	12,668
Native white—Native parentage.....	42,011	484	1,211	825	212	802	451	533	1,579	3,733
Native white—Foreign or mixed parentage.....	64,113	586	2,075	1,201	204	1,583	510	1,002	1,527	4,867
Foreign-born white.....	70,043	461	2,046	1,377	380	1,794	410	1,018	1,387	4,016
Naturalized.....	51,350	337	1,925	977	327	1,400	335	738	918	2,656
First papers.....	6,558	70	193	150	27	103	32	112	152	440
Alien.....	7,017	23	226	162	18	148	8	97	173	455
Unknown.....	5,118	31	202	79	10	113	15	71	144	405
Negro.....	207	1	2	1	—	2	1	—	29	28
Indian, Chinese, Japanese, and all other.....	1,774	—	6	229	—	1	—	—	28	24
Females 21 years of age and over.....	144,770	1,193	4,490	2,825	607	8,380	1,043	1,040	3,742	11,011
Native white—Native parentage.....	35,080	410	1,119	628	170	684	387	445	1,284	3,300
Native white—Foreign or mixed parentage.....	57,131	484	1,923	1,032	131	1,339	400	800	1,444	5,179
Foreign-born white.....	51,004	299	1,457	916	308	1,355	250	685	991	3,114
Naturalized.....	39,337	237	1,085	703	274	1,103	201	527	735	2,213
First papers.....	407	2	9	4	1	7	1	9	5	24
Alien.....	6,702	45	203	133	17	144	29	100	147	450
Unknown.....	4,058	15	160	76	14	101	19	59	104	427
Negro.....	129	—	—	—	—	—	—	—	15	18
Indian, Chinese, and Japanese.....	1,416	—	—	199	—	2	—	—	8	—
Males 18 to 44 years, inclusive.....	133,575	1,132	3,985	2,705	629	2,837	1,001	1,903	3,502	9,349
Females 18 to 44 years, inclusive.....	119,733	997	3,628	2,314	512	2,705	892	1,611	3,168	9,515
ILLITERACY.										
Total 10 years of age and over.....	470,210	3,885	14,008	9,602	2,061	11,287	3,387	6,783	11,572	32,544
Number illiterate.....	9,937	22	93	365	205	165	16	30	132	386
Per cent illiterate.....	2.1	0.6	0.7	3.8	9.9	1.5	0.5	0.4	1.1	1.2
Per cent illiterate in 1910.....	3.1	3.8	1.5	4.1	7.2	2.0	0.8	2.1	1.9	1.2
Native white.....	335,124	3,051	10,383	6,589	1,287	8,056	2,607	4,967	8,889	26,063
Number illiterate.....	1,307	2	18	9	37	6	9	21	35	—
Per cent illiterate.....	0.4	0.1	0.2	0.3	0.7	0.5	0.2	0.2	0.2	0.1
Foreign-born white.....	129,951	833	3,636	2,407	774	3,226	719	1,816	2,590	7,411
Number illiterate.....	7,238	20	71	75	198	128	10	21	103	341
Per cent illiterate.....	5.6	2.4	2.0	3.1	25.3	4.0	1.4	1.2	4.0	4.6
Negro.....	405	1	3	1	—	2	1	—	47	52
Number illiterate.....	16	—	—	—	—	—	—	—	2	4
Per cent illiterate.....	4.0	—	—	—	—	—	—	—	—	—
Total 18 to 20 years, inclusive.....	59,409	437	1,754	1,195	245	1,452	387	831	1,387	3,830
Number illiterate.....	318	1	4	19	2	2	—	—	1	10
Per cent illiterate.....	0.5	0.2	0.2	1.6	0.8	0.1	—	—	0.1	0.3
Native white.....	4,365	11	42	158	87	73	4	16	65	163
Foreign-born white.....	2.5	0.7	0.8	4.2	10.9	1.8	0.8	0.6	1.4	1.3
Alien.....	544	—	12	10	6	18	2	7	11	14
Unknown.....	3,165	11	30	87	81	55	2	9	48	142
Negro.....	9	—	—	—	—	—	—	—	1	3
Native white.....	5,008	7	48	163	116	87	10	14	63	211
Foreign-born white.....	3.5	0.6	1.0	5.8	18.9	2.8	1.0	0.7	1.7	1.8
Alien.....	431	1	2	5	2	15	2	2	7	15
Unknown.....	3,901	6	41	88	113	72	8	12	54	195
Dwellings, number.....	129,905	1,261	3,747	2,691	646	3,228	1,114	2,014	2,998	7,718
Families, number.....	134,881	1,279	3,935	2,749	663	3,269	1,131	2,032	3,216	8,926

¹ See headnote.

* Less than one-tenth of 1 per cent.

POPULATION—NORTH DAKOTA.

TABLE 9.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR COUNTIES: 1920—Continued.

(Per cent not shown where base is less than 100. For statistics of Indian population, by counties, see supplemental table.)

SUBJECT	Cavalier	Dickson	Divide	Dunn	Eddy	Emmons	Foster	Golden Valley ¹	Grand Forks	Grant ¹	Griggs
COLOR OR RACE, NATIVITY, AND SEX.											
Total population.....	16,555	10,489	9,637	8,828	6,493	11,288	6,108	4,832	28,795	9,553	7,402
Male.....	8,313	5,570	5,195	4,070	3,533	5,860	3,251	2,574	14,657	5,016	4,002
Female.....	7,242	4,929	4,442	4,168	2,960	5,398	2,857	2,258	14,138	4,537	3,400
Native white.....	11,638	8,588	7,341	6,474	5,278	8,606	5,228	4,400	22,695	7,188	5,750
Male.....	6,070	4,429	3,802	3,340	2,866	4,403	2,721	2,323	11,279	3,670	3,027
Female.....	5,568	4,159	3,530	3,134	2,472	4,203	2,507	2,077	11,416	3,518	2,723
Native white—Native parentage.....	3,307	4,091	2,839	2,580	2,360	2,621	2,797	2,834	8,821	2,525	1,929
Native white—Foreign parentage.....	5,824	3,012	2,861	2,919	1,774	4,485	1,435	370	9,030	3,672	2,514
Native white—Mixed parentage.....	2,507	1,485	1,641	975	1,144	1,500	990	696	4,838	991	1,267
Foreign-born white.....	3,851	1,907	2,290	2,109	1,165	2,675	872	432	6,052	2,365	1,648
Male.....	2,205	1,137	1,390	1,200	701	1,482	522	251	3,345	1,346	973
Female.....	1,646	770	900	909	494	1,193	350	181	2,707	1,019	675
Negro.....	1	4	6	—	5	—	8	—	30	—	4
Male.....	1	4	3	—	5	—	8	—	19	—	2
Female.....	—	—	3	—	6	—	—	—	11	—	2
Indian, Chinese, Japanese, and all other (see Tables 1 and 7).....	65	—	—	246	39	7	—	—	18	—	—
Per cent native white.....	74.8	81.8	76.2	73.3	81.3	76.2	85.6	91.1	78.8	75.2	77.7
Per cent foreign-born white.....	24.8	18.2	23.8	23.9	17.9	23.7	14.3	8.9	21.0	24.8	22.8
Per cent Negro.....	(*)	(*)	0.1	—	0.2	—	0.1	—	0.1	—	0.1
1910: Total population.											
Native white.....	15,659	9,839	6,015	5,302	4,800	9,736	5,313	—	27,838	—	6,274
Foreign-born white.....	10,315	7,632	4,100	3,260	3,065	6,000	4,342	—	20,107	—	4,236
Negro.....	5,147	2,201	1,843	1,805	1,133	3,181	968	—	7,715	—	2,023
Per cent native white.....	65.9	77.6	69.3	61.5	78.4	67.4	81.7	—	72.1	—	67.5
Per cent foreign-born white.....	32.9	22.4	30.6	34.0	23.6	32.5	18.2	—	27.7	—	32.2
Per cent Negro.....	0.1	0.1	(*)	—	(*)	0.1	0.1	—	0.2	—	0.2
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.											
Total under 7 years of age.....	2,883	1,906	2,251	2,206	1,223	2,736	1,227	1,018	4,473	2,301	1,447
Total 7 to 13 years, inclusive.....	2,750	1,619	1,751	1,654	1,060	2,225	1,029	804	4,096	1,950	1,223
Number attending school.....	2,219	1,415	1,638	1,412	907	2,033	947	836	3,822	1,779	1,071
Per cent attending school.....	80.7	87.4	93.5	85.4	94.1	91.4	92.0	96.8	93.3	91.2	87.6
Total 14 and 15 years.....	706	420	355	320	262	493	233	186	1,059	403	284
Number attending school.....	520	347	324	274	214	395	203	161	932	344	251
Per cent attending school.....	74.9	82.6	91.3	85.6	81.7	80.1	87.1	86.6	88.0	85.4	88.4
Total 16 and 17 years.....	691	431	269	323	231	487	244	170	1,098	360	265
Number attending school.....	312	231	169	181	101	191	149	92	624	182	147
Per cent attending school.....	45.2	53.6	59.1	40.6	43.7	39.2	61.1	54.1	55.8	50.6	55.5
Total 18 to 20 years, inclusive.....	925	634	347	391	374	619	302	209	1,035	508	380
Number attending school.....	164	135	70	41	69	67	54	40	448	71	66
Per cent attending school.....	17.7	21.3	20.2	10.5	18.4	10.8	17.9	19.1	27.4	14.0	17.4
Males 21 years of age and over.....	4,252	3,092	2,680	2,180	1,894	2,569	1,719	1,290	8,610	2,227	2,154
Native white—Native parentage.....	545	944	447	520	529	526	624	648	1,810	492	347
Native white—Foreign or mixed parentage.....	1,637	1,065	1,004	617	632	714	594	504	3,579	595	878
Foreign-born white.....	2,050	1,070	1,237	990	649	1,327	500	238	3,194	1,140	928
Naturalized.....	1,464	743	841	768	498	949	340	183	2,277	881	683
First papers.....	159	107	218	120	76	159	65	23	275	60	115
Alien.....	290	131	114	81	59	124	46	11	319	155	135
Unknown.....	137	89	64	23	36	95	49	21	323	44	95
Negro.....	1	3	1	—	5	—	1	—	13	—	1
Indian, Chinese, Japanese, and all other.....	19	—	—	63	9	3	—	—	14	—	—
Females 21 years of age and over.....	8,348	2,397	1,975	1,744	1,449	2,159	1,354	1,095	7,825	1,804	1,649
Native white—Native parentage.....	457	816	388	444	410	428	504	482	1,674	410	275
Native white—Foreign or mixed parentage.....	1,354	884	818	510	598	686	517	439	3,696	537	744
Foreign-born white.....	1,524	697	767	729	430	1,044	883	174	2,510	857	628
Naturalized.....	1,176	537	588	582	354	816	249	137	1,899	691	440
First papers.....	2	7	15	6	4	6	3	4	28	4	2
Alien.....	243	100	163	124	51	143	35	13	318	135	94
Unknown.....	103	53	51	17	21	79	46	20	301	27	92
Negro.....	1	2	—	—	8	—	—	—	6	—	2
Indian, Chinese, and Japanese.....	13	—	—	61	9	1	—	—	3	—	—
Males 18 to 44 years, inclusive.....	3,157	2,374	2,111	1,768	1,419	2,089	1,288	972	6,130	1,788	1,643
Females 18 to 44 years, inclusive.....	2,765	2,003	1,740	1,536	1,104	1,878	1,127	908	6,207	1,568	1,348
ILLITERACY.											
Total 10 years of age and over.....	11,498	7,859	6,509	5,787	4,783	7,557	4,414	3,401	22,489	6,367	5,392
Number illiterate.....	205	150	114	185	.99	349	12	12	294	124	18
Per cent illiterate.....	2.3	1.9	1.8	3.2	2.1	4.6	0.3	0.4	1.3	1.0	0.3
Per cent illiterate in 1910.....	2.0	4.3	2.0	10.1	0.5	13.0	0.7	—	2.8	—	0.2
Native white.....	7,662	5,967	4,285	3,554	3,599	4,906	3,543	2,970	16,476	4,025	3,753
Number illiterate.....	40	22	6	32	21	59	6	5	56	15	2
Per cent illiterate.....	0.5	0.4	0.1	0.9	0.6	1.2	0.2	0.2	0.3	0.4	0.1
Foreign-born white.....	3,787	1,888	2,210	2,070	1,151	2,647	865	431	5,972	2,342	1,636
Number illiterate.....	207	128	108	150	72	290	6	7	237	109	16
Per cent illiterate.....	5.5	6.8	4.9	7.2	6.8	11.0	0.7	1.6	4.0	4.7	1.0
Negro.....	1	4	5	—	8	—	6	—	23	—	3
Number illiterate.....	—	—	—	—	—	—	—	—	1	—	—
Per cent illiterate.....	—	—	—	—	—	—	—	—	—	—	—
Total 16 to 20 years, inclusive.....	1,616	1,065	616	714	605	1,106	546	370	2,733	808	645
Number illiterate.....	14	5	4	15	—	16	1	—	8	7	—
Per cent illiterate.....	0.9	0.5	0.6	2.1	—	1.4	0.2	—	0.3	0.8	—
Illiterate males 21 years of age and over.....	124	65	60	60	46	123	4	4	135	47	9
Per cent of all males 21 years of age and over.....	2.9	2.1	2.2	3.2	2.4	4.8	0.2	0.3	1.6	2.1	0.4
Native white.....	15	10	3	10	10	18	2	1	24	4	2
Foreign-born white.....	101	55	57	56	35	105	2	3	110	43	7
Negro.....	—	—	—	—	—	—	—	—	1	—	—
Illiterate females 21 years of age and over.....	119	78	49	96	51	202	7	8	146	64	9
Per cent of all females 21 years of age and over.....	3.6	3.3	2.5	5.5	3.5	9.4	0.5	0.7	1.9	3.5	0.5
Native white.....	12	7	—	10	9	24	3	4	20	5	—
Foreign-born white.....	101	71	49	86	37	178	4	4	126	59	9
DWELLINGS AND FAMILIES.											
Dwellings, number.....	3,012	2,081	2,149	1,848	1,201	2,108	1,280	1,133	5,700	1,910	1,472
Families, number.....	3,068	2,166	2,108	1,870	1,337	2,147	1,305	1,151	6,290	1,930	1,501

¹ Organized since 1910; see headnote to table.² Less than one-tenth of 1 per cent.

COMPOSITION AND CHARACTERISTICS.

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TABLE 9.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR COUNTIES: 1920—Continued.

[Per cent not shown where base is less than 100. For statistics of Indian population, by counties, see supplemental table.]

SUBJECT.	Het-ti- ngor.	Kidder.	La Moure.	Logan.	McHenry.	McIntosh.	McKen- zie.	McLean.	Mercer.	Morton. ¹	Mount- rain.
COLOR OR RACE, NATIVITY, AND SEX.											
Total population.....	7,685	7,798	11,564	7,723	15,544	9,010	9,544	17,266	8,224	18,714	12,140
Male.....	4,011	4,129	6,058	4,036	8,136	4,044	5,251	9,211	4,321	9,885	6,562
Female.....	3,674	3,669	5,506	3,687	7,408	4,366	4,293	8,055	3,903	8,820	5,578
Native white.....	5,959	6,282	9,336	5,453	12,255	6,673	7,765	12,788	5,785	13,755	9,797
Male.....	3,056	3,276	4,776	2,780	6,277	3,400	4,141	6,652	2,687	7,117	5,153
Female.....	2,903	3,006	4,560	2,673	5,978	3,267	3,624	6,136	2,798	6,068	4,644
Native white—Native parentage.....	2,514	2,968	3,941	857	4,729	1,025	4,054	5,139	1,463	4,604	4,304
Native white—Foreign parentage.....	2,571	2,277	3,075	3,730	5,213	4,451	2,192	5,473	3,500	7,165	3,641
Native white—Mixed parentage.....	874	1,037	1,720	866	2,313	1,197	1,610	2,176	822	2,016	1,952
Foreign-born white.....	1,726	1,515	2,228	2,209	3,281	2,387	1,762	3,313	2,239	4,905	2,326
Male.....	955	852	1,282	1,255	1,853	1,288	1,105	2,222	1,245	2,752	1,401
Female.....	771	663	646	1,014	1,428	1,099	657	1,591	904	2,153	925
Negro.....	1	1	1	1	8	6	6	3	3	13	10
Male.....	1	1	1	1	5	3	3	3	3	8	5
Female.....	1	1	1	1	2	3	3	3	3	5	5
Indian, Chinese, Japanese, and all other (see Tables 1 and 7).....	11	11	11	11	11	11	11	11	11	11	11
Per cent native white.....	77.5	80.6	80.7	70.6	78.8	74.1	81.4	74.1	70.3	78.7	80.7
Per cent foreign-born white.....	22.5	19.4	19.3	29.4	21.1	25.9	18.5	22.1	27.2	26.2	19.2
Per cent Negro.....	(2)	(2)	(2)	(2)	0.1	0.1	(2)	(2)	(2)	0.1	0.1
1910: Total population.....	6,557	5,932	10,724	6,168	17,627	7,251	5,720	14,496	4,747	25,289	8,491
Native white.....	4,636	4,438	8,101	3,803	12,841	4,610	4,377	9,673	2,878	15,715	6,179
Foreign-born white.....	1,013	1,513	2,618	2,364	4,760	2,688	1,341	4,188	1,735	8,274	2,221
Negro.....	8	11	5	1	14	3	2	4	12	1	1
Per cent native white.....	70.7	74.4	75.5	61.7	72.8	63.6	76.5	66.7	60.6	62.1	72.8
Per cent foreign-born white.....	29.2	25.4	24.4	38.3	27.1	36.4	23.4	28.0	30.5	32.7	26.2
Per cent Negro.....	0.1	0.2	(2)	(2)	0.1	(2)	(2)	(2)	(2)	(2)	(2)
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.											
Total under 7 years of age.....	1,774	1,819	2,264	1,946	3,065	2,143	2,292	3,693	2,037	3,902	2,710
Total 7 to 13 years, inclusive.....	1,507	1,441	2,016	1,662	3,159	1,854	1,626	3,406	1,707	3,344	2,807
Number attending school.....	1,438	1,344	1,910	1,462	2,926	1,758	1,467	3,145	1,613	3,040	2,108
Per cent attending school.....	95.3	93.3	94.7	88.0	92.6	94.8	90.2	92.3	94.5	90.9	91.4
Total 14 and 15 years.....	331	317	472	368	733	437	304	683	304	706	406
Number attending school.....	302	266	434	325	648	383	273	598	316	697	305
Per cent attending school.....	91.2	83.9	91.9	88.3	88.4	87.6	89.8	87.6	86.8	87.0	78.3
Total 16 and 17 years.....	288	277	457	324	675	416	255	614	311	771	360
Number attending school.....	154	115	258	139	357	142	120	360	122	385	171
Per cent attending school.....	53.5	41.5	50.5	42.9	52.9	34.1	47.1	58.6	30.2	49.0	48.0
Total 18 to 20 years, inclusive.....	366	371	601	420	759	567	346	792	415	1,044	462
Number attending school.....	65	83	111	44	141	42	58	127	39	144	60
Per cent attending school.....	17.8	9.7	18.5	10.3	18.6	7.4	16.8	16.0	9.4	13.8	13.0
Males 21 years of age and over.....	1,843	1,981	3,172	1,641	3,943	1,912	2,748	4,597	1,903	4,024	3,326
Native white—Native parentage.....	483	640	782	127	880	86	870	967	290	1,031	760
Native white—Foreign or mixed parentage.....	530	603	1,206	420	1,352	682	848	1,430	517	1,410	1,257
Foreign-born white.....	830	738	1,184	1,085	1,708	1,144	1,018	2,012	1,077	2,463	1,314
Naturalized.....	642	561	852	814	1,375	905	851	1,392	906	1,896	1,039
First papers.....	38	65	132	95	115	96	82	308	62	200	149
Alien.....	88	63	106	117	153	71	47	230	57	267	77
Unknown.....	62	49	94	50	60	72	38	82	52	100	49
Negro.....	1	1	1	1	1	1	1	1	1	5	2
Indian, Chinese, and Japanese.....	1	1	1	1	1	1	1	1	1	1	1
Females 21 years of age and over.....	1,576	1,592	2,582	1,353	3,210	1,681	1,973	3,481	1,487	3,033	2,513
Native white—Native parentage.....	491	508	675	108	752	81	710	774	201	787	604
Native white—Foreign or mixed parentage.....	492	504	1,054	385	1,150	635	670	1,175	420	1,282	1,056
Foreign-born white.....	668	580	853	800	1,306	965	585	1,368	824	1,853	850
Naturalized.....	532	471	671	676	1,087	787	504	1,007	730	1,531	706
First papers.....	1	3	4	7	13	13	9	12	6	22	11
Alien.....	76	71	109	135	166	101	54	269	61	224	111
Unknown.....	44	35	69	42	40	77	18	80	27	61	22
Negro.....	1	1	1	1	1	1	1	1	1	5	2
Indian, Chinese, and Japanese.....	1	1	1	1	1	1	1	1	1	1	1
Males 18 to 44 years, inclusive.....	1,423	1,525	2,418	1,378	2,684	1,017	2,127	3,496	1,544	3,821	2,536
Females 18 to 44 years, inclusive.....	1,362	1,347	2,137	1,196	2,562	1,490	1,080	2,963	1,297	3,298	2,092
ILLITERACY.											
Total 10 years of age and over.....	5,180	5,299	8,376	5,058	11,040	5,998	6,404	12,038	5,358	13,239	8,324
Number illiterate.....	229	88	192	259	267	154	115	498	242	364	49
Per cent illiterate.....	4.4	1.7	2.3	5.1	2.4	2.6	1.8	4.1	4.5	2.7	0.6
Per cent illiterate in 1910.....	2.3	1.8	1.7	5.6	2.5	12.0	1.1	4.1	3.2	6.1	1.7
Native white.....	3,472	3,813	6,106	2,830	7,708	3,686	4,656	7,776	3,002	8,380	6,012
Number illiterate.....	19	7	8	28	28	22	18	34	17	43	15
Per cent illiterate.....	0.5	0.2	0.1	1.0	0.4	0.6	0.3	0.4	0.6	0.5	0.2
Foreign-born white.....	1,708	1,485	2,210	2,227	3,236	2,312	1,737	3,768	2,213	4,840	2,267
Number illiterate.....	210	81	184	231	239	132	99	288	225	317	34
Per cent illiterate.....	12.3	5.5	8.3	10.4	7.4	5.7	7.7	10.2	6.5	1.5	10
Negro.....	96	37	71	107	128	59	219	102	170	22	22
Number illiterate.....	5.2	1.9	2.2	6.5	3.2	2.8	2.1	4.8	5.4	3.5	0.7
Per cent of all males 21 years of age and over.....	5.2	1.9	2.2	6.5	3.2	2.8	2.1	4.8	5.4	3.5	0.7
Native white.....	5	1	3	1	16	5	5	10	5	17	5
Foreign-born white.....	91	36	68	106	113	48	53	128	97	152	17
Negro.....	117	47	116	130	136	92	55	248	136	166	20
Number illiterate.....	7.4	3.0	4.5	9.6	4.2	5.5	2.8	7.1	9.1	4.2	0.8
Per cent of all females 21 years of age and over.....	5	4	2	8	10	11	7	11	9	8	5
Native white.....	112	43	114	122	126	81	46	158	127	155	15
Foreign-born white.....	112	43	114	122	126	81	46	158	127	155	15
Negro.....	1	1	1	1	1	1	1	1	1	1	1
DWELLINGS AND FAMILIES.											
Dwellings, number.....	1,565	1,619	2,364	1,350	3,111	1,604	2,365	3,599	1,561	3,602	2,728
Families, number.....	1,585	1,644	2,425	1,384	3,168	1,633	2,394	3,683	1,581	3,702	2,759

¹ See headnote to table.

² Less than one-tenth of 1 per cent.

POPULATION—NORTH DAKOTA.

TABLE 9.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR COUNTIES: 1920—Continued.

[Per cent not shown where base is less than 100. For statistics of Indian population, by counties, see supplemental table.]

SUBJECT.	Nelson.	Oliver.	Pembina.	Pierce.	Ramsey.	Ransom.	Renville.	Richland.	Rolette.	Sargent.	Sheridan.
COLOR OR RACE, NATIVITY, AND SEX.											
Total population.	10,362	4,425	15,177	9,283	15,427	11,618	7,776	20,887	10,061	9,655	7,935
Male.	5,596	2,384	8,087	4,907	8,226	6,228	4,140	11,018	5,343	5,195	4,195
Female.	4,766	2,071	7,080	4,376	7,201	5,390	3,636	9,869	4,718	4,460	3,740
Native white.	8,129	3,404	10,906	7,107	12,201	9,663	6,820	17,390	8,124	8,056	5,651
Male.	4,252	1,795	5,754	3,671	6,321	5,070	3,472	9,065	3,197	4,254	2,901
Female.	3,877	1,609	5,152	3,436	5,380	4,593	3,157	8,325	2,927	3,802	2,750
Native white—Native parentage.	2,684	1,315	2,945	2,181	5,109	4,605	3,260	7,719	2,510	3,625	978
Native white—Foreign parentage.	3,647	1,573	5,875	3,840	4,511	3,059	2,019	6,373	2,156	2,782	3,805
Native white—Mixed parentage.	1,818	576	2,286	1,086	2,581	1,999	1,350	3,298	1,458	1,649	868
Foreign-born white.	2,230	957	4,156	2,150	3,137	1,949	1,137	3,401	1,465	1,506	2,284
Male.	1,841	555	2,284	1,228	1,846	1,153	663	1,027	875	922	1,294
Female.	889	402	1,872	931	1,291	796	474	1,474	590	644	990
Negro.	1	4	17	17	44	4	10	11	6	4	2
Male.	1	4	6	8	30	3	5	4	3	2	2
Female.			11	9	14	1	5	7	3	2	2
Indian, Chinese, Japanese, and all other (see Tables 1 and 7).	2		98		45	2		85	2,406	29	29
Per cent native white.	78.5	78.3	71.9	76.6	70.1	83.2	85.2	83.3	60.9	83.4	71.2
Per cent foreign-born white.	21.5	21.6	27.4	23.3	20.3	16.8	14.6	16.3	14.6	16.2	28.8
Per cent Negro.	(1)	0.1	0.1	0.2	0.3	(1)	0.1	0.1	0.1	0.1	(1)
1910: Total population.	10,140	3,577	14,749	9,740	15,189	10,345	7,340	19,659	9,558	9,202	8,108
Native white.	7,184	2,492	8,926	6,524	11,218	8,014	6,237	12,922	5,441	7,236	4,999
Foreign-born white.	2,955	1,085	5,432	3,191	3,023	2,323	1,603	4,601	1,982	1,916	3,104
Negro.	1		5	25	44	8	11	6	6	1	1
Per cent native white.	70.8	69.7	60.5	67.0	73.8	77.5	79.6	75.9	56.9	78.6	61.7
Per cent foreign-born white.	29.1	30.3	36.8	32.8	25.8	22.5	20.4	23.4	20.7	20.8	38.3
Per cent Negro.	(1)		0.3	0.3	0.1			0.1	0.1	0.1	(1)
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.											
Total under 7 years of age.	1,853	971	2,523	1,972	2,824	2,085	1,478	3,656	1,981	1,780	1,709
Total 7 to 13 years, inclusive.	1,604	895	2,310	1,945	2,618	1,887	1,568	3,408	1,843	1,470	1,753
Number attending school.	1,012	738	2,165	1,702	2,521	1,800	1,497	3,234	1,350	1,416	1,685
Per cent attending school.	65.2	82.5	95.4	90.1	96.3	95.4	95.5	94.9	73.7	96.3	96.1
Total 14 and 15 years.	412	206	686	468	631	483	412	897	460	409	412
Number attending school.	372	173	590	405	556	435	374	799	334	369	396
Per cent attending school.	90.3	84.0	86.0	88.5	88.1	90.1	90.8	89.1	72.6	90.2	96.1
Total 16 and 17 years.	309	171	605	424	610	452	307	915	454	306	372
Number attending school.	228	92	369	183	349	229	197	470	242	184	220
Per cent attending school.	57.1	53.3	55.5	43.2	56.4	60.7	64.2	51.4	53.3	49.0	59.1
Total 18 to 20 years, inclusive.	606	243	920	582	796	618	381	1,201	544	525	404
Number attending school.	137	23	245	74	107	105	87	228	95	72	47
Per cent attending school.	22.6	9.5	26.6	13.9	21.0	17.0	22.8	19.0	17.5	13.7	10.1
Males 21 years of age and over.	3,063	1,102	4,381	2,173	4,421	3,364	2,019	5,920	2,072	2,873	1,775
Native white—Native parentage.	451	253	469	406	1,115	999	585	1,305	493	713	158
Native white—Foreign or mixed parentage.	1,317	365	1,740	633	1,549	1,264	799	2,736	744	1,251	484
Foreign-born white.	1,292	483	2,143	1,130	1,717	1,008	633	1,875	832	896	1,133
Naturalized.	952	387	1,593	877	1,170	834	473	1,446	622	645	890
First papers.	108	42	148	85	179	77	32	165	77	65	93
Alien.	158	38	211	102	241	104	47	151	64	82	122
Unknown.	74	16	191	66	127	83	81	113	69	104	28
Negro.	1	1	3	4	28	1	2	3	2	1	1
Indian, Chinese, Japanese, and all other.	2		20		14	2		1	596	12	
Females 21 years of age and over.	2,335	837	3,683	1,769	3,518	2,729	1,611	4,890	2,107	2,202	1,390
Native white—Native parentage.	372	213	422	360	879	895	482	1,066	400	543	143
Native white—Foreign or mixed parentage.	1,117	280	1,528	554	1,448	1,076	678	2,395	634	1,032	370
Foreign-born white.	846	344	1,710	850	1,178	757	450	1,423	557	620	808
Naturalized.	672	288	1,279	693	841	637	352	1,200	432	492	713
First papers.	5	1	2	5	9	5	3	9	5	2	4
Alien.	117	44	218	107	199	77	36	131	48	56	121
Unknown.	52	11	220	45	129	38	39	83	72	70	30
Negro.			5	8	1	1	6	1	1	1	6
Indian, Chinese, and Japanese.			14		5			515			
Males 18 to 44 years, inclusive.	2,299	901	3,107	1,617	3,299	2,525	1,442	4,367	1,903	2,189	1,397
Females 18 to 44 years, inclusive.	1,954	732	2,763	1,478	2,930	2,177	1,327	3,930	1,706	1,812	1,223
ILLITERACY.											
Total 10 years of age and over.	7,737	3,040	11,673	6,424	11,428	8,735	5,625	15,820	7,296	7,217	5,395
Number illiterate.	52	78	241	233	166	36	34	160	543	119	501
Per cent illiterate.	0.7	2.5	2.1	3.6	1.5	0.4	0.6	1.0	7.5	1.6	9.3
Per cent illiterate in 1910.	1.3	1.5	3.7	6.2	1.8	1.8	1.9	1.4	14.4	1.0	5.2
Native white.	5,115	2,090	7,526	4,263	8,257	6,773	4,491	12,330	4,098	5,631	3,154
Number illiterate.	17	11	57	9	18	13	10	33	29	18	20
Per cent illiterate.	0.3	0.5	0.8	0.2	0.2	0.2	0.2	0.3	0.7	0.2	0.6
Foreign-born white.	2,219	947	4,074	2,147	3,097	1,938	1,123	3,390	1,450	1,561	2,241
Number illiterate.	35	65	165	224	141	23	23	122	50	92	481
Per cent illiterate.	1.6	6.9	4.1	10.4	4.6	1.2	2.0	3.6	3.4	5.9	21.5
Negro.	1	3	12	14	40	2	6	10	4	3	3
Number illiterate.					1		1				
Per cent illiterate.											
Total 16 to 20 years, inclusive.	1,005	414	1,585	956	1,415	1,070	688	2,116	993	921	836
Number illiterate.	5	3	5	5	4	2		1	17	3	4
Per cent illiterate.	0.5	0.7	0.3	0.5	0.3	0.2			1.7	0.3	0.5
Illiterate males 21 years of age and over.	20	30	122	93	71	18	17	63	279	56	219
Per cent of all males 21 years of age and over.	0.7	2.7	2.8	4.3	1.6	0.5	0.8	1.1	10.4	1.9	12.3
Native white.	3	4	30	3	7	5	5	20	12	8	12
Foreign-born white.	17	28	83	90	60	13	11	43	23	39	207
Iliterate females 21 years of age and over.	26	39	111	134	86	13	15	96	227	58	275
Per cent of all females 21 years of age and over.	1.1	4.7	3.0	7.6	2.4	0.5	0.9	2.0	10.8	2.6	19.8
Native white.	8	3	24	4	6	3	3	17	12	1	8
Foreign-born white.	18	36	82	130	78	10	12	79	27	52	267
Negro.											
DWELLINGS AND FAMILIES.											
Dwellings, number.	2,067	854	3,026	1,708	2,857	2,374	1,593	4,160	2,013	2,001	1,412
Families, number.	2,111	867	3,108	1,755	3,178	2,433	1,614	4,223	2,072	2,031	1,448

1 Less than one-tenth of 1 per cent.

COMPOSITION AND CHARACTERISTICS.

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TABLE 9.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR COUNTIES: 1920—Continued.

[Per cent not shown where base is less than 100. For statistics of Indian population, by counties, see supplemental table.]

SUBJECT.	Sioux. ¹	Slope. ¹	Stark.	Steele.	Stutsman.	Towner.	Trail.	Walsh.	Ward.	Wells.	Wil-	lams.
COLOR OR RACE, NATIVITY, AND SEX.												
Total population.....	3,308	4,940	13,542	7,401	24,575	8,327	12,210	19,078	28,811	12,957	17,980	
Male.....	1,761	2,998	7,081	3,958	13,061	4,447	6,407	10,029	15,063	6,985	9,863	
Female.....	1,547	2,242	6,491	3,443	11,514	3,850	6,803	9,049	13,748	5,972	8,317	
Native white.....	1,703	4,312	9,038	6,082	20,123	6,842	9,558	14,905	24,015	10,184	14,406	
Male.....	927	2,294	4,962	3,110	10,575	3,584	4,886	7,687	12,247	5,359	7,562	
Female.....	776	2,018	4,878	2,922	9,548	3,258	4,672	7,218	11,768	4,825	6,934	
Native white—Native parentage.....	968	2,570	2,682	2,610	9,782	3,658	3,115	4,311	12,506	3,626	7,312	
Native white—Foreign parentage.....	501	1,048	5,942	2,061	7,070	2,087	4,337	7,107	7,022	4,442	4,555	
Native white—Mixed parentage.....	234	694	1,384	1,361	3,265	1,122	2,106	3,427	4,487	2,116	2,019	
Foreign-born white.....	301	613	3,895	1,389	4,417	1,466	2,640	4,160	4,676	2,772	3,308	
Male.....	178	390	2,084	848	2,464	855	1,520	2,332	2,729	1,025	1,999	
Female.....	123	223	1,811	521	1,953	611	1,129	1,828	1,947	1,147	1,309	
Negro.....	2	6	—	—	20	5	3	2	68	—	20	
Male.....	1	4	—	—	8	3	1	2	39	—	9	
Female.....	1	2	—	—	12	2	2	—	29	—	11	
Indian, Chinese, Japanese, and all other (see Tables 1 and 7).....	1,304	13	3	—	15	14	—	11	52	1	156	
Per cent native white.....	51.5	87.3	71.2	81.5	81.9	82.2	78.3	78.1	83.4	78.6	80.6	
Per cent foreign-born white.....	9.1	12.4	28.8	18.5	18.0	17.6	21.7	21.8	16.2	21.4	18.4	
Per cent Negro.....	(2)	(2)	(2)	(2)	0.1	0.1	(2)	(2)	0.2	—	0.1	
1910: Total population.												
Native white.....	—	12,504	7,610	18,189	8,968	12,545	19,491	25,281	11,814	14,234		
Foreign-born white.....	—	7,708	5,628	13,858	7,148	8,911	13,707	19,926	8,300	10,611		
Negro.....	—	4,785	1,985	4,343	1,793	3,032	5,765	5,251	3,502	3,594		
Per cent native white.....	—	61.6	73.9	78.1	70.8	71.0	70.3	78.8	70.3	73.8		
Per cent foreign-born white.....	—	38.3	20.1	23.9	20.0	20.0	29.6	20.8	29.6	25.2		
Per cent Negro.....	—	(2)	(2)	(2)	0.2	(2)	(2)	0.3	(2)	0.2		
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.												
Total under 7 years of age.....	707	1,100	2,914	1,317	4,546	1,542	1,945	3,218	5,384	2,548	3,856	
Total 7 to 18 years, inclusive.....	503	798	2,620	1,232	4,009	1,460	1,856	2,081	4,936	2,383	3,154	
Number attending school.....	429	750	2,402	1,121	3,728	1,227	1,760	2,851	4,069	2,017	2,852	
Per cent attending school.....	85.3	94.0	91.7	91.0	93.0	90.9	94.8	95.6	94.6	84.6	90.4	
Total 14 and 15 years.....	106	182	594	331	939	374	503	845	1,210	636	639	
Number attending school.....	87	135	609	283	860	318	434	731	1,080	564	553	
Per cent attending school.....	82.1	85.7	85.7	85.5	91.6	85.0	86.3	86.5	89.3	88.7	86.5	
Total 16 and 17 years.....	127	151	579	285	891	347	491	851	1,034	567	592	
Number attending school.....	83	91	296	149	508	202	295	437	561	323	359	
Per cent attending school.....	65.4	60.3	51.1	52.3	57.0	58.2	60.1	51.4	54.3	54.1	60.6	
Total 18 to 20 years, inclusive.....	159	226	720	432	1,274	474	728	1,161	1,468	755	737	
Number attending school.....	89	55	118	96	185	94	204	233	299	134	160	
Per cent attending school.....	24.5	24.3	10.4	22.2	14.5	19.8	28.0	20.1	20.4	17.5	21.7	
Males 21 years of age and over.....	954	1,430	3,232	2,153	7,235	2,311	3,042	5,442	8,135	8,400	5,091	
Native white—Native parentage.....	233	587	500	497	2,333	900	454	483	2,738	697	1,511	
Native white—Foreign or mixed parentage.....	181	494	800	830	2,563	615	1,710	2,701	2,726	1,205	1,033	
Foreign-born white.....	165	365	1,838	826	2,318	793	1,478	2,253	2,593	1,506	1,901	
Naturalized.....	95	280	1,549	579	1,401	511	1,089	1,721	1,879	1,041	1,436	
First papers.....	18	23	96	71	159	97	120	144	275	218	244	
Alien.....	26	38	147	139	186	132	166	165	308	105	141	
Unknown.....	28	15	46	37	575	53	103	103	131	82	80	
Negro.....	—	1	—	—	8	2	—	2	32	—	7	
Indian, Chinese, Japanese, and all other.....	375	12	1	—	13	1	—	3	46	1	39	
Females 21 years of age and over.....	752	1,044	2,883	1,651	5,681	1,810	3,045	4,580	6,694	2,619	3,911	
Native white—Native parentage.....	186	454	528	411	1,761	703	303	489	2,327	524	1,203	
Native white—Foreign or mixed parentage.....	120	390	758	743	2,134	562	1,562	2,334	2,551	1,079	1,483	
Foreign-born white.....	111	200	1,595	497	1,789	550	1,088	1,750	1,787	1,016	1,189	
Naturalized.....	72	189	1,341	395	1,263	406	849	1,385	1,404	779	956	
First papers.....	—	30	2	2	7	5	22	23	14	20	—	
Alien.....	16	18	177	69	196	108	136	197	257	164	146	
Unknown.....	23	12	47	31	338	29	98	152	103	59	67	
Negro.....	—	1	—	—	6	2	—	27	—	11	—	
Indian, Chinese, and Japanese.....	335	—	—	—	1	2	—	1	2	—	25	
Males 18 to 44 years, inclusive.....	671	1,121	2,475	1,035	5,365	1,764	2,599	3,962	6,127	2,627	3,896	
Females 18 to 44 years, inclusive.....	568	936	2,354	1,360	4,666	1,546	2,359	3,657	5,711	2,274	3,280	
ILLITERACY.												
Total 10 years of age and over.....	2,368	3,466	9,409	5,511	18,228	6,141	9,487	14,555	21,257	9,366	12,573	
Number illiterate.....	378	24	512	42	174	72	55	408	314	149	150	
Per cent illiterate.....	16.0	0.7	5.4	0.8	1.0	1.2	0.6	2.8	1.5	1.6	2.1	
Per cent illiterate in 1910.....	—	—	4.1	2.3	2.7	1.6	1.9	3.0	1.4	2.6	—	
Native white.....	1,090	2,848	5,548	4,152	13,822	4,681	6,816	10,418	16,546	6,633	9,180	
Number illiterate.....	6	4	37	10	35	5	19	196	45	23	35	
Per cent illiterate.....	0.6	0.1	0.7	0.2	0.3	0.1	0.3	1.9	0.3	0.3	0.4	
Foreign-born white.....	204	604	3,854	1,359	4,376	1,447	2,638	4,126	4,596	2,732	3,276	
Number illiterate.....	34	20	474	32	127	66	36	211	266	126	90	
Per cent illiterate.....	11.6	3.3	12.3	2.4	2.0	4.6	1.4	5.1	5.8	4.6	2.7	
Negro.....	—	1	5	—	15	5	3	2	64	—	19	
Number illiterate.....	—	—	—	—	—	—	—	—	—	—	1	
Per cent illiterate.....	—	—	—	—	—	—	—	—	—	—	—	
Total 16 to 20 years, inclusive.....	286	377	1,299	717	2,165	821	1,210	2,012	2,502	1,362	1,329	
Number illiterate.....	7	1	13	4	5	4	3	31	9	4	0.2	
Per cent illiterate.....	2.4	0.3	1.0	0.6	0.2	0.5	0.2	1.5	0.4	0.3	0.2	
Illiterate males 21 years of age and over.....	159	11	204	21	85	38	26	180	152	58	74	
Per cent of all males 21 years of age and over.....	16.7	0.8	6.3	1.0	1.2	1.6	0.7	3.3	1.9	1.7	1.5	
Native white.....	1	3	17	5	19	2	8	79	21	10	19	
Foreign-born white.....	13	8	187	16	55	35	18	101	129	48	45	
Negro.....	—	—	—	—	—	—	—	—	—	—	—	
Illiterate females 21 years of age and over.....	206	11	200	17	82	30	23	161	149	85	69	
Per cent of all females 21 years of age and over.....	27.4	1.1	10.1	1.0	1.4	1.6	0.8	3.5	2.2	3.2	1.8	
Native white.....	2	9	1	9	1	1	5	55	13	8	14	
Foreign-born white.....	21	11	280	16	72	29	18	106	135	77	43	
Negro.....	—	—	—	—	—	—	—	—	—	—	—	
DWELLINGS AND FAMILIES.												
Dwellings, number.....	782	1,110	2,575	1,433	4,629	1,752	2,456	3,775	5,936	2,551	3,914	
Families, number.....	787	1,124	2,060	1,465	4,835	1,770	2,503	3,864	6,243	2,620	4,092	

¹ Organized since 1910; see headnote to table.

² Less than one-tenth of 1 per cent.

POPULATION—NORTH DAKOTA.

TABLE 10.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR CITIES OF 10,000 OR MORE: 1920.

SUBJECT.	Fargo.	Grand Forks.	Minot.	SUBJECT.	Fargo.	Grand Forks.	Minot.
COLOR OR RACE, NATIVITY, AND SEX.							
Total population.....	21,961	14,010	10,476	AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP—Continued.			
Male.....	10,630	6,700	5,238	Females 21 years of age and over.....	6,920	4,275	2,906
Female.....	11,331	7,310	5,238	Native white—Native parentage.....	2,282	1,084	1,179
Native white.....	18,103	10,881	8,818	Native white—Foreign or mixed parentage.....	2,983	1,800	1,070
Male.....	8,547	5,086	4,303	Foreign-born white.....	1,651	1,383	628
Female.....	9,556	5,795	4,515	Naturalized.....	1,124	1,004	495
Native white—Native parentage.....	9,354	4,580	5,167	First papers.....	16	.19	.5
Native white—Foreign parentage.....	5,583	4,135	2,157	Alien.....	209	176	75
Native white—Mixed parentage.....	3,186	2,163	1,494	Unknown.....	302	184	53
Foreign-born white.....	3,788	3,084	1,542	Negro.....	13	5	27
Male.....	2,030	1,583	852	Males 18 to 44 years, inclusive.....	4,986	2,833	2,400
Female.....	1,758	1,501	690	Females 18 to 44 years, inclusive.....	5,778	3,415	2,565
Negro.....	42	27	65	ILLITERACY.			
Male.....	25	17	36	Total 10 years of age and over.....	17,645	11,098	8,078
Female.....	17	10	29	Number illiterate.....	130	155	78
Indian, Chinese, and Japanese.....	28	18	51	Per cent illiterate.....	0.7	1.4	1.0
Per cent native white.....	82.4	77.7	84.2	Per cent illiterate in 1910.....	0.8	3.1	0.5
Per cent foreign-born white.....	17.2	22.0	14.7	Native white.			
Per cent Negro.....	0.2	0.2	0.6	Number illiterate.....	13,823	8,038	6,460
1910: Total population.....	14,331	12,478	6,188	Per cent illiterate.....	15	18	7
Native white.....	11,021	8,810	4,944	Foreign-born white.....	0.1	0.2	0.1
Foreign-born white.....	3,200	3,607	1,150	Number illiterate.....	3,755	3,027	1,507
Negro.....	99	49	58	Per cent illiterate.....	105	137	68
Per cent native white.....	76.9	70.7	79.9	Negro.....	2.8	4.5	4.5
Per cent foreign-born white.....	22.3	28.9	18.6	Number illiterate.....	40	20	61
Per cent Negro.....	0.7	0.4	0.9	Per cent illiterate.....	(1)	—	—
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.							
Total under 7 years of age.....	3,093	2,038	1,700	Total 18 to 20 years, inclusive.....	1,955	1,319	870
Total 7 to 13 years, inclusive.....	2,585	1,800	1,480	Number illiterate.....	7	2	2
Number attending school.....	2,461	1,781	1,431	Per cent illiterate.....	0.4	0.2	0.2
Per cent attending school.....	95.3	94.2	93.7	ILLITERATE MALES 21 YEARS OF AGE AND OVER.			
Total 14 and 15 years.....	631	470	350	Per cent of all males 21 years of age and over.....	52	60	40
Number attending school.....	577	431	331	Native white.....	0.8	1.5	1.3
Per cent attending school.....	91.4	90.0	94.6	Foreign-born white.....	5	7	2
Total 16 and 17 years.....	681	517	306	Negro.....	40	53	36
Number attending school.....	417	324	192	ILLITERATE FEMALES 21 YEARS OF AGE AND OVER.			
Per cent attending school.....	61.2	62.7	62.7	Per cent of all females 21 years of age and over.....	70	92	36
Total 18 to 20 years, inclusive.....	1,274	802	604	Native white.....	1.0	2.2	1.2
Number attending school.....	370	270	138	Foreign-born white.....	7	9	5
Per cent attending school.....	29.7	33.7	24.5	Negro.....	62	83	30
Males 21 years of age and over.....	6,768	4,009	3,170	DWELLINGS AND FAMILIES.			
Native white—Native parentage.....	2,455	1,084	1,280	Dwellings, number.....	3,787	2,742	2,097
Native white—Foreign or mixed parentage.....	2,332	1,413	1,004	Families, number.....	4,877	3,189	2,344
Foreign-born white.....	1,934	1,487	812				
Naturalized.....	1,249	1,052	566				
First papers.....	185	118	69				
Alien.....	192	146	127				
Unknown.....	307	171	50				
Negro.....	24	11	29				

¹ Per cent not shown, base being less than 100.

COMPOSITION AND CHARACTERISTICS.

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TABLE 11.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR PLACES OF 2,500 TO 10,000: 1920.

SUBJECT.	Bis-marck.	Devils Lake.	Dick-inson.	Grafton.	James-town.	Mandan.	Valley City.	Wahpe-ton.	Willis-ton.
COLOR OR RACE, NATIVITY, AND SEX.									
Total population.....	7,122	5,140	4,122	2,512	6,627	4,338	4,686	3,069	4,178
Male.....	3,549	2,601	2,068	1,235	3,342	2,384	2,238	1,512	2,133
Female.....	3,573	2,539	2,054	1,277	3,285	1,952	2,448	1,557	2,045
Native white—Native parentage.....	3,205	1,932	1,318	659	3,256	1,755	1,779	1,315	2,128
Native white—Foreign or mixed parentage.....	2,761	2,103	1,742	1,256	2,323	1,542	2,011	1,209	1,402
Foreign-born white.....	1,086	1,019	1,055	588	1,021	1,022	890	450	618
Negro.....	41	42	4	—	13	13	—	10	15
Indian, Chinese, and Japanese.....	29	44	3	—	11	15	4	6	15
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.									
Total under 7 years of age.....	1,140	792	719	325	1,043	736	677	435	728
Total 7 to 13 years, inclusive.....	897	855	687	331	938	598	682	412	581
Number attending school.....	801	816	581	293	899	569	643	409	563
Total 14 and 15 years.....	244	218	155	107	228	125	189	113	143
Number attending school.....	220	195	117	85	217	111	174	103	133
Total 16 to 20 years, inclusive.....	684	489	409	261	597	391	440	302	383
Number attending school.....	231	177	127	125	247	123	219	154	171
Males 21 years of age and over.....	2,115	1,446	1,071	719	1,906	1,425	1,318	926	1,238
Native white—Native parentage.....	856	472	340	115	802	530	389	311	570
Native white—Foreign or mixed parentage.....	887	450	252	302	605	338	480	370	335
Foreign-born white.....	532	485	476	298	512	547	443	242	320
Naturalized.....	340	304	303	203	370	335	335	206	245
Negro.....	20	26	2	—	4	6	—	2	5
Females 21 years of age and over.....	2,062	1,340	1,081	769	1,825	1,061	1,400	881	1,125
Native white—Native parentage.....	752	424	301	141	705	368	438	298	466
Native white—Foreign or mixed parentage.....	833	492	334	307	672	333	549	385	404
Foreign-born white.....	454	412	444	260	443	355	413	192	243
Naturalized.....	332	253	317	175	358	274	318	180	182
Negro.....	15	7	1	—	4	5	—	6	10
ILLITERACY.									
Total 10 years of age and over.....	5,571	3,971	3,091	2,063	5,182	3,322	3,717	2,491	3,172
Number illiterate.....	82	87	204	122	50	52	10	26	25
Native whites 10 years of age and over.....	4,483	2,908	2,040	1,473	4,145	2,305	2,833	1,951	2,540
Number illiterate.....	10	7	4	92	3	4	4	10	5
Foreign-born whites 10 years of age and over.....	1,072	991	1,037	581	1,014	1,001	878	450	605
Number illiterate.....	68	73	199	20	35	44	6	16	17
Illiterate males 21 years of age and over.....	35	33	69	38	27	38	7	13	11
Illiterate females 21 years of age and over.....	47	51	133	31	22	15	3	13	13
DWELLINGS AND FAMILIES.									
Dwellings, number.....	1,287	855	824	485	1,274	850	921	620	833
Families, number.....	1,481	1,131	877	502	1,485	918	1,001	640	908

POPULATION—NORTH DAKOTA.

TABLE 12.—COUNTRY OF BIRTH OF THE FOREIGN-BORN WHITE, FOR COUNTIES AND FOR CITIES OF 10,000 OR MORE: 1920.

COUNTY OR CITY.	Total foreign- born white.	COUNTRY OF BIRTH.																			All other countries.					
		Austria.	Belgium.	Canada— French.	Canada— Other.	Czech- slovakia.	Denmark.	England.	Finland.	France.	Germany.	Greece.	Hungary.	Ireland.	Luxembourg.	Norway.	Poland.	Romania.	Russia.	Scotland.	Sweden.	Switzerland.	Syria.			
COUNTIES.																										
The state.....	181,503	2,059	456	1,533	14,017	2,056	4,552	2,287	1,108	350	11,960	420	2,519	1,660	229	903	38,190	2,236	1,811	29,617	1,228	10,543	506	289	973	
Adams.....	844	6	5	27	12	35	20	1	2	85	1	10	5	2	2	345	5	188	2	74	4	8	5	5		
Barnes.....	3,677	34	41	15	348	20	197	60	1	13	505	14	142	78	3	88	1,568	18	6	96	29	371	22	...	14	
Benson.....	2,439	18	11	14	211	6	86	54	6	2	80	13	...	29	2	4	1,316	8	9	152	17	376	11	3	11	
Billings.....	777	150	1	18	21	8	9	...	3	39	1	5	2	1	1	56	222	1	205	1	14	3	2	15		
Bottineau.....	3,251	9	8	124	761	29	93	66	2	32	286	1	2	56	...	13	1,290	27	...	99	90	225	16	...	18	
Bowman.....	730	12	2	1	38	24	18	10	...	2	89	1	...	8	1	8	305	32	71	2	89	...	...	11	
Burke.....	1,856	9	4	148	12	228	26	3	4	158	3	1	21	1	12	801	15	1	35	17	343	1	4	9		
Burleigh.....	2,630	87	2	10	231	28	69	62	118	28	245	21	39	62	...	12	349	38	30	669	49	413	15	20	33	
Cass.....	1,465	123	25	155	1,088	119	234	221	7	23	1,020	54	80	216	23	42	2,409	100	23	254	106	1,035	44	29	60	
Cavalier.....	3,381	223	15	150	497	23	87	113	...	9	258	1	2	39	5	5	719	126	7	339	75	133	13	3	10	
Dickey.....	1,907	21	3	5	149	45	70	42	103	5	210	3	4	32	1	5	291	24	47	623	7	201	10	...	6	
Divide.....	2,290	6	31	11	170	11	107	23	6	4	87	2	2	18	...	20	1,318	13	21	8	154	22	254	8	3	4
Dunn.....	2,109	77	3	1	70	39	41	18	...	119	1	136	11	...	4	308	13	31	1,137	71	2	5	22	...	22	
Eddy.....	1,165	11	10	8	142	4	28	19	4	4	134	1	4	41	6	12	365	19	38	68	17	201	24	...	15	
Emmons.....	2,875	10	5	1	65	7	19	25	94	9	99	3	...	16	3	146	128	15	12	1,893	13	87	6	7	12	
Foster.....	872	23	4	5	93	23	40	14	1	1	121	1	...	34	9	10	276	25	12	48	31	96	2	...	3	
Golden Valley.....	432	14	1	1	43	22	17	23	...	77	1	5	27	4	...	102	13	...	8	9	51	9	...	3		
Grand Forks.....	6,052	50	13	55	1,447	14	142	149	3	17	379	22	19	103	15	36	2,476	48	22	460	89	433	7	1	52	
Grant.....	2,365	27	1	43	15	24	18	...	27	1	148	10	11	1	14	99	8	141	1,647	8	95	10	...	17		
Griggs.....	1,648	10	12	2	96	8	59	11	3	1	96	3	1	2	1	14	1,410	4	...	3	13	158	1	5	5	
Hottinger.....	1,726	30	...	6	30	6	47	10	...	2	139	...	427	8	3	18	177	6	40	714	1	48	5	...	9	
Kidder.....	1,515	32	5	7	57	11	51	6	3	3	126	1	7	17	2	24	291	12	5	737	5	92	5	7	17	
La Moure.....	2,228	18	22	10	181	5	71	62	14	4	410	2	4	21	20	45	418	26	3	539	8	306	12	...	17	
Logan.....	2,269	8	1	2	29	1	2	5	158	66	6	6	1	2	2	95	3	233	1,539	1	113	6	...	6		
McHenry.....	3,281	14	7	13	227	3	139	44	5	7	480	8	8	13	3	17	842	29	63	1,118	10	191	21	2	8	
McIntosh.....	2,937	13	26	...	22	2	2	3	...	56	6	8	1	11	8	184	2,005	3	9	10	...	10
McKenzie.....	1,762	12	26	10	126	31	39	41	3	2	96	6	2	9	1	16	1,007	11	1	189	12	155	3	4	10	
McLean.....	3,813	71	11	1	133	19	96	29	4	1	321	1	11	18	7	12	653	200	204	1,584	6	396	15	...	20	
Mercer.....	2,239	5	4	2	29	8	6	3	...	148	74	7	2	56	17	184	1,610	8	57	7	...	12	...	12		
Morton.....	4,905	108	13	9	82	126	42	43	27	11	789	8	457	22	3	15	330	48	34	2,349	17	200	40	...	123	
Mountain.....	2,926	12	...	2	122	55	134	22	97	4	120	1	...	16	3	14	1,338	11	1	46	14	271	7	22	14	
Nelson.....	2,230	10	3	13	176	32	52	35	76	...	95	1	1	26	...	2	1,489	2	6	19	185	2	1	4		
Oliver.....	957	3	1	12	23	18	11	...	3	173	...	28	1	15	64	17	25	511	3	24	7	...	12			
Pembina.....	4,156	74	35	264	1,821	470	159	3	23	201	11	73	16	18	228	99	5	104	75	119	4	1	7	...	7	
Pierce.....	2,159	6	8	4	108	11	30	21	...	3	102	12	3	9	2	634	4	11	1,083	3	117	6	29	3		
Ramsey.....	3,137	14	27	25	482	78	129	71	77	7	196	51	8	74	1	37	1,121	18	4	425	32	244	7	2	12	
Ransom.....	1,949	16	2	12	199	7	41	53	7	12	220	12	8	38	...	38	893	13	1	118	15	224	7	1	14	
Renfrew.....	1,137	10	18	145	3	164	28	1	3	121	2	1	17	5	10	392	6	2	12	6	178	6	...	7		
Richland.....	3,401	120	16	8	150	309	104	38	8	10	808	10	8	24	35	7	1,243	120	2	17	18	199	20	3	84	
Rolette.....	1,465	13	8	8	325	324	...	22	51	18	16	65	3	...	23	1	417	2	1	23	12	125	6	1	9	
Sargent.....	1,566	33	7	3	63	26	43	36	9	...	212	2	7	13	...	17	587	64	...	29	10	380	10	2	13	
Sheridan.....	2,284	41	4	42	42	2	12	20	...	1	125	4	1	1	1	101	1,054	1	30	3	39	3	19	...	19	
Sioux.....	301	17	5	24	5	...	9	4	...	39	1	12	3	1	1	29	1	1	96	4	29	10	2	9		
Slope.....	613	19	2	1	30	8	27	17	1	1	97	19	12	1	8	3	166	4	1	89	9	69	1	...	9	
Stark.....	3,895	174	2	23	93	107	24	39	8	3	278	...	807	51	9	37	146	32	41	1,793	18	43	28	4	45	
Steelo.....	1,369	6	2	2	71	91	21	5	1	39	...	8	20	114	11	48	593	179	36	1,431	41	300	20	3	49	
Statism.....	4,417	55	17	17	374	46	158	111	27	25	716	20	21	114	11	48	593	179	36	1,431	41	300	20	3	49	
Towner.....	1,466	18	6	2	221	2	37	42	136	4	152	3	2	114	11	48	593	179	36	1,431	41	300	20	3	49	
Traill.....	2,649	7	7	3	97	5	27	18	...	1	142	1	...	25	4	6	2,077	5	...	5	15	191	2	...	16	
Walsh.....	4,160	49	8	118	888	529	78	29	25	9	209	...	2	56	3	2	1,425	295	3	28	46	270	1	12	17	
Ward.....	4,676	56	13	20	609	54	356	126	9	15	421	89	31	75	2	21	1,705	73	5	426	65	453	10	...	37	
Wells.....	2,772	54	8	14	119	40	37	30	1	3	292	6	24	16	11	7	602	119	121	932	13	167	13	...	53	
Williams.....	3,308	21	6	32	204	10	131	70	3	10	107	15	3	33	17	13	1,861	16	...	84	43	361	13	87	18	
Fargo.....	3,783	33	10	56	563	14	101																			

COMPOSITION AND CHARACTERISTICS.

TABLE 13.—AGE, BY QUINQUENNIAL PERIODS, WITH SINGLE YEARS FOR PERSONS UNDER 25, FOR THE STATE: 1920.

AGE.	ALL CLASSES: 1920		NATIVE WHITE: 1920						FOREIGN-BORN WHITE: 1920		NEGRO: 1920		INDIAN, CHINESE, JAPANESE, AND ALL OTHER: 1920	
			Native parentage.		Foreign parentage.		Mixed parentage.							
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
All ages, number.....	341,673	305,199	108,334	99,632	104,728	99,245	49,588	46,929	75,386	56,117	276	191	3,368	3,085
Under 5 years.....	46,262	44,627	23,116	21,969	12,388	12,290	10,168	9,721	147	105	9	11	434	471
Under 1 year.....	8,375	8,225	4,358	4,250	2,054	2,026	1,884	1,853	11	8	5	7	70	83
5 to 9 years.....	43,422	42,351	18,302	17,797	14,418	14,432	9,580	9,047	606	634	24	18	393	423
10 to 14 years.....	37,988	36,771	13,738	13,085	14,447	14,210	8,018	7,730	1,387	1,319	19	22	399	405
15 to 19 years.....	30,474	30,980	9,504	9,957	12,222	12,423	5,866	5,916	2,555	2,370	14	10	313	304
20 to 24 years.....	27,195	27,345	7,771	8,132	11,003	11,217	4,279	4,356	3,858	3,374	16	9	268	257
25 to 29 years.....	26,401	24,419	7,034	6,849	9,927	9,960	3,243	3,144	5,957	4,258	22	20	218	179
30 to 34 years.....	24,813	21,036	6,154	5,513	8,543	8,061	2,344	2,376	7,559	5,797	22	26	191	163
35 to 39 years.....	24,284	19,849	5,711	4,505	6,941	5,941	2,031	1,820	9,342	6,003	37	23	222	148
40 to 44 years.....	19,526	14,853	4,322	3,271	4,856	3,903	1,512	1,162	8,685	6,375	34	14	167	128
45 to 49 years.....	17,246	11,781	3,674	2,524	3,922	2,761	1,001	699	8,456	5,933	35	8	158	106
50 to 54 years.....	13,537	9,148	2,701	1,835	2,418	1,635	640	408	7,623	5,159	18	9	137	102
55 to 59 years.....	10,469	7,130	1,932	1,301	1,700	1,107	393	241	6,313	4,383	10	5	121	93
60 to 64 years.....	8,257	5,692	1,596	1,050	1,158	765	254	133	5,126	3,638	8	7	115	99
65 to 69 years.....	5,381	3,652	1,058	689	479	305	119	85	3,550	2,503	4	5	91	65
70 to 74 years.....	2,940	2,226	877	386	142	88	58	39	2,108	1,656	2	3	53	54
75 to 79 years.....	1,688	1,375	299	250	65	43	34	15	1,263	1,028	—	—	37	39
80 to 84 years.....	605	639	108	121	27	18	11	6	504	479	—	—	15	15
85 to 89 years.....	292	313	51	62	9	5	4	2	219	234	—	1	9	9
90 to 94 years.....	77	82	10	6	4	1	2	—	58	68	—	3	7	7
95 to 99 years.....	17	27	3	4	1	—	—	1	12	19	—	—	1	2
100 years and over.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Age unknown.....	780	503	553	326	58	70	17	19	138	72	2	—	21	16
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	13.5	14.6	21.3	22.1	11.8	12.4	20.5	20.7	0.2	0.3	3.3	5.8	12.0	15.3
Under 1 year.....	2.5	2.7	4.0	4.3	2.0	2.0	3.8	3.9	(1)	(1)	2.6	2.1	2.7	—
5 to 9 years.....	12.7	13.9	17.0	17.9	13.8	14.5	19.3	19.3	0.8	1.1	8.7	9.4	11.7	13.7
10 to 14 years.....	11.1	12.0	12.7	13.1	13.8	14.3	16.2	16.5	1.8	2.4	6.9	11.5	11.9	13.1
15 to 19 years.....	8.0	10.2	8.8	10.0	11.7	12.5	11.8	12.6	3.4	4.2	5.1	5.2	9.3	9.9
20 to 24 years.....	8.0	9.0	7.2	8.2	10.5	11.3	8.6	9.3	5.1	6.0	5.8	4.7	8.0	8.3
25 to 29 years.....	7.7	8.0	6.5	6.9	9.5	10.0	6.5	6.7	7.9	7.6	8.0	10.5	6.5	5.8
30 to 34 years.....	7.3	7.2	5.7	5.5	8.2	8.1	4.7	5.1	10.0	10.3	8.0	13.6	5.7	5.3
35 to 39 years.....	7.1	6.8	5.3	4.5	6.6	6.0	4.1	3.9	12.4	12.3	13.4	12.0	6.6	4.8
40 to 44 years.....	5.7	4.9	4.0	3.3	4.6	3.9	3.0	2.5	11.5	11.4	12.3	7.3	5.0	4.1
45 to 49 years.....	5.0	3.9	3.4	2.5	3.7	2.8	2.0	1.5	11.2	10.1	12.7	4.2	4.7	3.4
50 to 54 years.....	4.0	3.0	2.5	1.8	2.3	1.6	1.3	0.9	10.1	9.2	6.5	4.7	4.1	3.3
55 to 59 years.....	3.1	2.3	1.8	1.3	1.6	1.1	0.8	0.5	8.4	7.8	3.6	2.6	3.6	3.0
60 to 64 years.....	2.4	1.9	1.5	1.1	1.1	0.8	0.5	0.3	0.8	0.5	2.9	3.7	3.4	3.2
65 to 74 years.....	2.4	1.9	1.5	1.1	0.6	0.4	0.4	0.3	7.5	7.4	2.2	4.2	4.3	3.9
75 to 84 years.....	0.7	0.7	0.4	0.4	0.1	0.1	0.1	(1)	2.3	2.7	—	—	1.5	1.8
85 to 94 years.....	0.1	0.1	0.1	0.1	(1)	(1)	(1)	(1)	0.4	0.5	—	—	0.4	0.5
95 years and over.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.7	—	(1)	(1)
Age unknown.....	0.2	0.2	0.5	0.3	0.1	0.1	(1)	(1)	0.2	0.1	0.7	—	0.6	0.5
Year of age (1-24). .														
1 year.....	9,294	8,848	4,872	4,611	2,306	2,280	2,008	1,896	24	25	4	1	82	85
2 years.....	9,567	9,176	4,813	4,573	2,557	2,472	2,009	2,002	33	31	3	1	92	97
3 years.....	9,728	9,321	4,710	4,365	2,721	2,748	2,157	2,052	38	41	1	2	101	113
4 years.....	9,298	9,057	4,305	4,170	2,750	2,814	2,052	1,918	41	60	1	2	89	93
5 years.....	8,891	8,563	4,051	3,805	2,098	2,790	1,967	1,804	88	69	10	4	77	85
6 years.....	9,020	8,565	3,971	3,080	2,915	2,857	1,903	1,818	101	105	3	2	73	100
7 years.....	8,623	8,660	3,587	3,669	2,952	2,837	1,892	1,844	111	132	5	3	76	75
8 years.....	8,701	8,601	3,518	3,524	3,019	3,018	1,938	1,812	134	153	1	5	91	89
9 years.....	8,181	8,062	3,285	3,110	2,834	2,924	1,829	1,709	172	175	5	1	76	74
10 years.....	8,277	8,039	3,191	3,054	2,999	3,011	1,774	1,693	223	184	2	8	88	89
11 years.....	7,715	7,298	2,854	2,630	2,775	1,673	1,587	1,523	235	228	7	2	81	76
12 years.....	7,950	7,608	2,845	2,714	3,025	2,938	1,697	1,596	303	293	3	6	86	89
13 years.....	7,097	6,992	2,461	2,366	2,820	2,776	1,464	1,468	286	307	4	2	82	73
14 years.....	6,940	6,836	2,397	2,321	2,738	2,710	1,420	1,386	320	337	3	4	62	78
15 years.....	6,625	6,499	2,155	2,227	2,626	2,540	1,391	1,307	395	363	2	3	56	59
16 years.....	6,414	6,494	2,072	2,098	2,571	2,524	1,284	1,253	413	452	7	2	67	61
17 years.....	6,079	6,156	1,893	1,848	2,458	2,531	1,143	1,205	514	513	3	2	68	57
18 years.....	5,700	6,046	1,716	1,914	2,302	2,424	1,030	1,112	685	628	2	2	65	66
19 years.....	5,656	5,795	1,668	1,068	2,300	1,018	1,039	048	514	—	1	57	61	61
20 years.....	5,379	5,700	1,573	1,734	2,162	2,313	920	901	668	625	3	1	53	66
21 years.....	5,590	5,352	1,694	1,680	2,246	2,212	909	919	688	584	4	3	54	54
22 years.....	5,454	5,430	1,599	1,600	2,175	2,244	843	866	778	609	4	1	55	60
23 years.....	5,292	5,419	1,464	1,015	2,141	2,226	817	817	824	715	3	2	53	44
24 years.....	5,480	5,444	1,451	1,003	2,279	2,222	790	803	905	781	2	2	53	33

¹ Less than one-tenth of 1 per cent.

POPULATION—NORTH DAKOTA.

TABLE 14.—MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, FOR THE STATE: 1920, 1910, AND 1900.

[Per cent not shown where base is less than 100.]

CENSUS YEAR, CLASS OF POPULATION, AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
	Total ¹	Single.		Married.		Widowed.		Divorced.	Total ¹	Single.		Married.		Widowed.		Divorced.
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	
1920																
All classes—15 years and over.	214,001	87,934	41.1	116,254	54.3	7,785	3.6	815	181,450	54,685	30.1	113,843	62.7	11,618	6.4	735
15 to 19 years.	30,474	30,183	99.0	175	0.6	7	(2)		30,980	28,540	93.1	2,036	6.6	21	0.1	4
20 to 24 years.	27,195	22,239	81.8	4,650	17.1	40	0.1	21	27,345	14,256	52.1	12,694	46.4	194	0.7	59
25 to 34 years.	51,214	19,774	38.6	30,509	59.0	575	1.1	113	46,355	7,741	16.7	37,299	80.5	1,002	2.2	208
35 to 44 years.	43,810	8,173	18.7	34,202	78.1	1,104	2.5	200	34,202	2,075	6.1	30,488	89.1	1,391	4.1	203
45 to 54 years.	30,783	4,332	14.1	24,672	80.1	1,457	4.7	223	20,029	3,887	4.2	17,878	85.4	2,003	9.6	134
55 to 64 years.	18,726	2,073	11.1	14,630	78.2	1,789	0.6	168	12,822	418	3.3	9,497	74.1	2,785	21.7	89
65 years and over.	11,010	874	7.9	7,223	65.0	2,764	25.1	86	8,314	294	3.5	3,750	45.1	4,181	50.3	35
Age unknown	788	306	38.8	187	23.7	29	3.7	4	503	165	32.8	201	40.0	41	8.2	
Native white—Native parentage:																
15 years and over ² .	53,088	23,175	43.7	27,409	51.7	1,649	3.1	298	46,781	16,182	34.6	27,726	50.3	2,423	5.2	261
15 to 19 years.	9,504	9,404	98.9	59	0.6	1	(3)		9,057	9,197	92.4	735	7.4	14	0.1	1
20 to 24 years.	7,771	6,176	79.5	1,492	18.6	15	0.2	6	8,132	4,186	51.5	3,817	46.9	67	0.8	26
25 to 34 years.	13,188	3,470	33.9	8,421	63.9	181	1.4	50	12,362	1,943	15.7	10,039	81.2	269	2.2	89
35 to 44 years.	10,033	1,538	15.3	8,113	80.9	274	2.7	80	7,776	422	5.4	6,955	89.6	312	4.0	64
45 to 54 years.	6,375	807	12.7	5,198	81.5	282	4.4	65	4,359	176	4.0	3,750	86.0	383	8.8	44
55 to 64 years.	3,528	381	10.8	2,726	77.3	344	9.8	60	2,351	84	3.6	1,702	72.4	531	22.6	30
65 years and over.	2,136	202	9.5	1,344	62.9	540	25.8	35	1,518	58	3.8	607	40.0	828	54.5	5
Native white—For, or mixed par:																
15 years and over ² .	95,283	45,542	53.4	37,535	44.0	1,509	1.9	208	78,744	32,525	41.3	43,322	55.0	2,400	3.0	239
15 to 19 years.	18,088	17,920	99.1	91	0.5	4	(2)		18,339	17,330	94.5	945	5.2	6	(2)	3
20 to 24 years.	16,282	12,528	83.9	2,298	16.0	22	0.1	6	15,573	8,888	57.1	6,471	41.6	95	0.6	24
25 to 34 years.	24,057	10,016	41.6	13,659	56.8	240	1.0	37	23,550	4,888	20.8	18,028	76.6	470	2.0	87
35 to 44 years.	15,340	2,044	19.2	11,809	77.6	388	2.5	61	12,835	954	7.4	11,307	88.1	498	3.9	66
45 to 54 years.	7,981	1,243	15.6	6,272	78.6	388	4.8	65	5,503	320	5.8	4,023	84.0	515	9.4	39
55 to 64 years.	3,505	438	12.4	2,690	70.7	340	9.7	33	2,246	81	3.6	1,636	72.8	507	22.6	16
65 years and over.	955	116	12.1	608	63.7	210	22.9	5	609	25	4.1	279	45.8	297	48.8	4
Native white—Foreign parentage:																
15 years and over ² .	63,475	32,817	51.7	28,983	45.7	1,240	2.0	151	58,313	22,848	30.2	33,250	57.0	1,878	3.2	175
15 to 19 years.	12,222	12,102	99.0	68	0.6	3	(2)		12,423	11,741	94.5	649	5.2	4	(2)	2
20 to 24 years.	11,003	9,201	83.6	1,698	15.4	11	0.1	3	11,217	6,271	55.9	4,807	42.9	66	0.6	16
25 to 34 years.	18,470	7,716	41.8	10,400	56.6	188	1.0	29	18,030	3,723	20.6	13,829	76.7	363	2.0	65
35 to 44 years.	11,797	2,310	19.6	9,122	77.3	280	2.4	43	9,844	742	7.5	8,663	88.0	380	3.9	53
45 to 54 years.	6,340	1,014	16.0	4,951	78.1	310	4.9	53	4,398	285	6.0	3,630	83.7	423	9.6	24
55 to 64 years.	2,859	351	12.3	2,201	77.0	279	9.8	19	1,872	63	3.4	1,373	73.3	416	22.2	14
65 years and over.	727	92	12.7	406	64.1	160	22.0	3	461	17	3.7	217	47.1	223	48.4	1
Native white—Mixed parentage:																
15 years and over ² .	21,808	12,725	58.4	8,552	89.2	359	1.6	57	20,431	9,677	47.4	10,076	49.3	522	2.6	64
15 to 19 years.	5,866	5,818	99.2	23	0.4	1	(3)		5,916	5,589	94.5	296	5.0	2	(2)	1
20 to 24 years.	4,279	3,627	84.8	598	14.0	11	0.3	3	4,356	2,617	60.1	1,684	38.2	29	0.7	8
25 to 34 years.	5,587	2,300	41.2	3,199	57.3	54	1.0	8	5,320	1,185	21.1	4,199	76.1	116	2.1	22
35 to 44 years.	3,543	634	17.0	2,777	78.4	97	2.7	18	2,991	212	7.1	2,644	88.4	118	3.9	13
45 to 54 years.	1,641	226	14.0	1,321	80.5	76	4.6	12	1,107	55	5.0	943	85.2	92	8.3	15
55 to 64 years.	647	82	12.7	489	75.6	61	9.4	14	374	18	4.8	263	70.3	91	24.3	2
65 years and over.	228	24	10.5	142	62.3	59	25.0	2	148	8	5.4	62	41.0	74	50.0	3
Foreign-born white:																
15 years and over ² .	73,268	18,406	25.1	49,901	68.1	4,364	6.0	289	58,999	5,548	10.3	41,525	76.9	6,586	12.2	226
15 to 19 years.	2,555	2,517	98.5	23	0.6	2			2,370	2,051	86.5	315	13.3			
20 to 24 years.	3,858	3,039	78.8	784	20.3	2	0.1		3,374	1,050	32.3	2,248	66.6	25	0.7	4
25 to 34 years.	13,518	5,132	38.0	8,166	60.3	137	1.0	23	10,055	365	8.8	8,906	88.6	238	2.4	32
35 to 44 years.	17,977	3,310	20.1	13,834	77.0	429	2.4	54	13,278	685	5.2	11,930	89.8	569	4.3	71
45 to 54 years.	16,079	2,261	14.1	12,918	80.3	767	4.7	86	10,842	387	3.6	9,303	85.8	1,087	10.0	50
55 to 64 years.	11,439	1,288	10.8	9,019	78.8	1,074	9.4	74	8,021	253	3.2	5,999	74.8	1,704	21.2	42
65 years and over.	7,704	545	7.1	5,120	68.6	1,952	25.3	46	8,087	206	3.4	2,781	46.5	2,946	49.2	26
Negro:																
15 years and over ² .	224	109	48.7	88	39.3	16	7.1	5	140	31	22.1	85	60.7	22	15.7	2
15 to 19 years.	14	14							10	9		1				
20 to 24 years.	16	13		2					1	9		3				
25 to 34 years.	44	30		12					1	46		12		30		4
35 to 44 years.	71	27		42		1			1	37		2		31		4
45 to 54 years.	53	14		24		11			2	17		2		11		3
55 to 64 years.	18	8		7		3			12	9		7		4		1
65 years and over.	6	3		1		1			9	2		7		7		
Indian—15 years and over.	1,963	614	31.3	1,178	60.0	183	6.8	14	1,776	399	22.5	1,171	65.9	187	10.5	7
Chinese—15 years and over.	110	53	46.7	57	49.1	4	3.4	1				4		6		
Japanese—15 years and over.	60	34		26					6			6				
All other—15 years and over.	1	1														
1910																
All classes—15 years and over..	210,192	98,659	46.9	102,080	48.6	6,091	2.9	664	155,146	46,828	30.2	98,370	63.4	8,133	5.2	557
Native white:																
Native parentage.	52,939	25,375	47.9	24,894	47.0	1,517	2.9	239	38,263	11,716</						

COMPOSITION AND CHARACTERISTICS.

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TABLE 15.—TOTAL, WHITE, AND COLORED POPULATION, WITH STATE OF BIRTH FOR NATIVES, FOR THE STATE: 1920.

NATIVITY AND STATE OF BIRTH.	All classes: 1920	White: 1920	Colored: ¹ 1920	PER CENT DISTRIBUTION OF TOTAL.						PER CENT DIS- TRIBUTION OF NATIVE WHITE.	
				All classes.		White.		Colored.			
				1920	1910	1920	1910	1920	1910		
Total population.....	646,872	639,954	6,918	100.0	100.0	100.0	100.0	100.0	100.0	.....
Native.....	515,009	508,451	6,558	70.6	72.9	79.5	72.0	94.8	93.1	100.0	
Born in—											
North Dakota.....	304,079	298,054	5,725	47.1	34.3	46.7	33.8	82.8	75.1	58.8	
Minnesota.....	71,197	71,082	115	11.0	12.0	11.1	12.1	1.7	3.8	14.0	
Iowa.....	27,631	27,606	25	4.3	5.3	4.3	5.4	0.4	0.2	5.4	
Wisconsin.....	20,392	20,377	15	4.1	5.2	4.1	5.3	0.2	0.3	5.2	
Illinois.....	15,838	15,826	12	2.4	2.9	2.5	3.0	0.2	0.5	3.1	
South Dakota.....	15,517	15,372	145	2.4	2.2	2.4	2.2	2.1	3.8	3.0	
Indiana.....	6,802	6,794	8	1.1	1.6	1.1	1.7	0.1	0.1	1.3	
Michigan.....	5,104	5,096	8	0.8	1.2	0.8	1.2	0.1	0.1	1.0	
New York.....	4,755	4,742	13	0.7	1.3	0.7	1.3	0.2	0.2	0.9	
Ohio.....	4,385	4,370	15	0.7	1.1	0.7	1.1	0.2	0.5	0.9	
Missouri.....	4,176	4,118	58	0.6	0.8	0.6	0.8	0.8	1.0	0.8	
Nebraska.....	3,899	3,881	18	0.6	0.6	0.6	0.6	0.3	0.1	0.8	
Pennsylvania.....	3,760	3,757	3	0.6	0.9	0.6	1.0	(2)	0.1	0.7	
Other states.....	14,636	14,340	296	2.3	2.4	2.2	2.4	4.3	6.0	2.8	
Other native ²	6,238	6,136	102	1.0	1.0	1.0	1.0	1.5	1.4	1.2	
Foreign born.....	131,863	131,508	360	20.4	27.1	20.5	27.4	5.2	6.9	.....

¹ Comprises persons of Negro descent, Indians, Chinese, Japanese, and all other; see Table 1.
² Less than one-tenth of 1 per cent.
³ Comprises persons born in the United States, state of birth not reported; persons born in outlying possessions, or at sea under United States flag; and persons of foreign birth whose parents were American citizens temporarily absent from the United States.

TABLE 16.—COUNTRY OF BIRTH OF THE FOREIGN-BORN POPULATION, WITH CITIZENSHIP OF THE FOREIGN-BORN WHITE, FOR THE STATE: 1920.

[See also Tables 5, 6, and 12.]

COUNTRY OF BIRTH.	TOTAL FOREIGN BORN.			FOREIGN-BORN WHITE.						FOREIGN-BORN WHITE 21 YEARS OF AGE AND OVER.			
	Both sexes.		Male.	Female.	Total.	Naturalized.		Having first papers.	Alien.	Citizen-ship not reported.	Total.	Naturalized.	
	Number.	Percent distribution.				Number.	Percent.					Number.	Percent.
Total.....	131,863	100.0	75,641	56,222	131,503	90,568	73.4	7,135	17,823	9,977	121,047	91,187	75.3
Norway.....	38,190	29.0	22,052	16,138	38,190	28,785	75.4	2,224	4,508	2,583	30,671	27,946	76.4
Russia.....	29,617	22.5	16,056	13,561	29,617	21,630	72.8	1,476	5,248	1,324	25,085	18,941	75.5
Canada.....	15,743	11.9	8,470	7,273	15,550	11,235	72.3	402	1,697	2,216	13,973	10,659	70.3
French.....	1,539	1.2	840	703	1,539	1,228	73.3	53	1,147	210	1,442	1,091	75.7
Germany.....	11,900	9.1	6,032	5,028	11,900	8,415	75.7	560	1,053	1,032	11,501	9,249	79.8
Sweden.....	10,543	8.0	6,641	3,902	10,543	7,863	74.6	713	1,213	754	10,107	7,670	76.0
Denmark.....	4,552	3.5	2,787	1,765	4,552	3,420	75.1	299	535	298	4,370	3,333	76.3
Hungary.....	2,510	1.9	1,352	1,167	2,510	1,908	70.8	124	318	81	2,242	1,801	80.3
England.....	2,289	1.7	1,370	919	2,289	1,676	68.9	127	301	283	2,162	1,532	70.0
Poland.....	2,230	1.7	1,384	852	2,236	1,310	58.6	235	558	133	2,046	1,228	59.9
Austria.....	2,059	1.6	1,220	839	2,059	1,343	65.2	180	377	159	1,909	1,266	66.3
Czechoslovakia.....	2,058	1.6	1,149	907	2,058	1,502	73.1	142	254	158	1,953	1,457	74.5
Rumania.....	1,811	1.4	997	814	1,811	1,382	76.8	79	289	61	1,486	1,186	79.8
Ireland.....	1,000	1.3	976	684	1,000	1,200	72.3	64	139	267	1,620	1,181	72.9
Scotland.....	1,229	0.9	700	520	1,229	841	68.4	55	179	156	1,147	820	71.5
Finland.....	1,108	0.8	649	459	1,108	716	64.6	91	218	83	1,022	664	65.0
All other countries.....	4,291	3.3	2,906	1,385	4,128	2,413	58.5	376	948	389	3,700	2,248	58.8

TABLE 17.—YEAR OF IMMIGRATION OF THE FOREIGN-BORN POPULATION, FOR THE STATE: 1920.

SEX.	Total foreign born: 1920	YEAR OF IMMIGRATION.							PER CENT OF TOTAL ARRIVING IN—							
		1918-1919	1916-1917	1911-1915	1906-1910	1901-1905	1900 or earlier.	Year not reported.	1918-1919	1916-1917	1911-1915	1906-1910	1901-1905	1900 or earlier.	Year not reported.	
		Both sexes.....	131,863	603	978	9,463	15,978	19,526	65,523	19,752	0.5	0.7	7.2	12.1	14.8	49.7	15.0
Male.....	75,641	301	495	5,740	9,348	11,678	40,657	7,422	0.4	0.7	7.6	12.4	15.4	53.7	9.8	22.0
Female.....	56,222	302	483	3,723	6,630	7,848	24,806	12,370	0.5	0.9	6.6	11.8	14.0	44.2	8.3	22.0

TABLE 18.—FOREIGN-BORN WHITE POPULATION UNABLE TO SPEAK ENGLISH, FOR THE STATE: 1920.

SEX.	FOREIGN-BORN WHITE 10 YEARS OF AGE AND OVER: 1920			FOREIGN-BORN WHITE 21 YEARS OF AGE AND OVER: 1920		
	Total number.	Unable to speak English.		Total number.	Unable to speak English.	
		Number.	Per cent.		Number.	Per cent.
Both sexes.....	129,951	10,189	7.8	121,047	10,021	8.3
Male.....	74,633	3,532	4.7	70,048	3,467	4.9
Female.....	55,318	6,657	12.0	51,004	6,554	12.8

POPULATION—NORTH DAKOTA.

TABLE 19.—SCHOOL ATTENDANCE, BY AGE PERIODS, FOR THE STATE: 1920.

[See also Table 2. Per cent not shown where base is less than 100.]

CLASS OF POPULATION AND SEX.	Total number of persons attending school: 1920	PERSONS 7 TO 13 YEARS OF AGE.			PERSONS 14 AND 15 YEARS OF AGE.			PERSONS 16 AND 17 YEARS OF AGE.			PERSONS 18 TO 20 YEARS OF AGE.			OTHERS ATTENDING SCHOOL.	
		Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Under 7 years of age.	21 years of age and over.
All classes.....	161,221	111,711	92.1	26,900	23,489	87.3	25,143	13,417	53.4	34,266	6,507	19.0	12,162	2,770	
Male.....	80,850	55,553	93.0	13,665	11,859	87.4	12,493	8,268	50.2	16,735	2,928	17.5	6,205	1,562	
Female.....	80,371	55,158	92.2	13,335	11,630	87.2	12,650	7,149	56.5	17,531	3,581	20.4	5,957	1,208	
Native white:															
Native parentage.....	61,910	42,787	93.0	9,100	8,211	90.2	7,911	4,855	61.4	10,475	2,459	23.5	5,769	836	
Male.....	30,935	21,711	90.1	4,552	4,077	89.6	3,965	2,198	55.4	4,987	1,067	21.5	2,944	488	
Female.....	30,975	21,076	92.9	4,548	4,134	90.9	3,946	2,657	67.3	5,518	1,302	25.2	2,825	378	
Foreign parentage.....	58,710	40,793	92.0	10,614	9,101	85.7	10,188	4,990	49.0	13,766	2,342	17.0	3,562	1,175	
Male.....	29,407	20,514	91.9	5,304	4,639	86.6	5,029	2,872	47.2	6,729	1,072	15.9	1,802	666	
Female.....	29,303	20,279	91.9	5,250	4,462	85.0	5,159	2,618	50.7	7,037	1,270	18.0	1,760	507	
Mixed parentage.....	34,485	24,026	92.1	5,504	4,881	88.7	4,885	2,737	56.0	6,080	1,348	22.2	2,686	470	
Male.....	17,426	12,257	93.1	5,000	4,435	88.4	4,227	1,284	52.9	2,968	617	20.8	1,308	254	
Female.....	17,059	11,769	92.9	2,811	2,396	89.0	2,458	1,453	69.1	3,112	731	23.5	1,288	216	
Foreign-born white.....	5,029	2,906	86.8	1,415	1,136	80.3	1,892	704	37.2	3,568	270	7.7	110	282	
Male.....	2,574	1,464	80.3	715	593	82.9	927	358	38.1	1,901	136	7.2	47	182	
Female.....	2,455	1,442	87.2	700	543	77.6	965	351	36.4	1,667	140	8.4	63	100	
Negro.....	71	54	47	12	12	12	14	7	-----	9	1	-----	3	1	
Male.....	36	27	24	5	5	5	10	5	-----	5	1	-----	1	1	
Female.....	35	27	23	7	7	4	2	4	-----	4	1	-----	2	1	

TABLE 20.—SCHOOL ATTENDANCE, BY SINGLE YEARS FROM 5 TO 20, FOR THE STATE: 1920.

[See also Table 2. Per cent not shown where base is less than 100.]

YEAR OF AGE.	NUMBER AND PER CENT. OF TOTAL AT SPECIFIED AGE ATTENDING SCHOOL: 1920													
	All classes.						Native white.				Foreign-born white.			
	Both sexes.		Male.		Female.		Native parentage.		Foreign parentage.		Mixed parentage.			
•	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
5 years.....	1,484	8.5	727	8.2	757	8.8	709	9.0	447	8.1	318	8.4	9	5.7
6 years.....	10,486	59.6	5,379	59.6	5,107	59.6	4,961	64.8	3,069	53.2	2,832	61.4	101	49.0
7 years.....	14,493	84.4	7,253	84.1	7,245	84.6	6,270	86.4	4,782	82.6	3,205	85.8	182	74.9
8 years.....	15,515	89.7	7,792	89.6	7,723	89.8	5,388	90.4	5,404	89.5	3,420	91.2	234	81.5
9 years.....	14,829	91.3	7,403	91.2	7,366	91.4	5,880	92.1	5,259	91.3	3,308	91.0	299	86.2
10 years.....	15,489	94.9	7,856	94.9	7,633	94.9	5,977	95.7	5,708	94.9	3,355	96.2	357	87.7
11 years.....	14,354	95.6	7,357	95.4	6,997	95.9	5,308	96.8	5,335	95.5	3,144	96.4	416	89.8
12 years.....	14,801	95.1	7,567	95.1	7,234	95.1	5,339	96.0	5,690	95.4	3,143	95.6	497	87.8
13 years.....	13,390	95.0	6,742	95.0	6,048	95.1	4,638	96.3	5,315	95.0	2,803	95.9	536	90.4
14 years.....	12,604	91.5	6,373	91.8	6,231	91.1	4,404	93.3	4,917	90.3	2,600	92.7	588	89.2
15 years.....	10,885	82.9	5,486	82.8	5,399	83.1	3,807	86.9	2,184	81.0	2,281	84.5	560	72.6
16 years.....	8,285	64.2	3,937	61.4	4,343	67.0	2,946	70.6	3,124	60.1	1,694	66.8	447	51.7
17 years.....	5,132	41.9	2,631	38.3	2,801	45.5	1,909	51.0	1,866	37.4	1,043	44.4	257	25.0
18 years.....	3,260	27.8	1,402	24.6	1,858	30.7	1,242	34.2	1,144	24.2	703	32.8	130	11.7
19 years.....	2,010	17.6	918	16.2	1,002	18.9	767	21.7	737	16.1	410	19.9	72	6.2
20 years.....	1,237	11.2	606	11.3	631	11.1	450	13.6	461	10.3	235	12.5	74	5.7

TABLE 21.—ILLITERACY OF THE POPULATION 10 YEARS OF AGE AND OVER, BY AGE PERIODS, FOR THE STATE: 1920.

[See also Table 4. Per cent not shown where base is less than 100.]

SEX AND AGE PERIOD.	ALL CLASSES: 1920			NATIVE WHITE.								FOREIGN-BORN WHITE.			NEGRO.			
	Native parentage.			Foreign parentage.			Mixed parentage.			Total number.			Total number.			Total number.		
	Total number.	Illiterate.	Per cent.	Total number.	Illiterate.	Per cent.	Total number.	Illiterate.	Per cent.	Total number.	Num-ber.	Per cent.	Total number.	Num-ber.	Per cent.	Total number.	Num-ber.	Per cent.
10 years and over.....	470,210	9,937	2.1	126,692	335	0.3	150,445	812	0.5	57,987	160	0.3	129,951	7,238	5.6	405	16	4.0
Male.....	251,989	4,081	1.6	68,820	191	0.3	77,922	448	0.6	29,826	95	0.3	74,633	3,221	4.3	243	9	3.7
Female.....	218,221	5,256	2.4	59,806	144	0.2	72,523	304	0.5	28,161	65	0.2	55,318	4,017	7.3	162	7	4.3
21 years and over.....	322,918	9,373	2.9	77,101	255	0.3	92,668	615	0.7	28,576	102	0.4	121,047	7,128	5.9	336	16	4.8
Male.....	178,148	4,365	2.5	42,011	146	0.3	49,091	341	0.7	15,022	57	0.4	70,043	3,165	4.5	207	9	4.3
Female.....	144,770	5,008	3.5	35,080	112	0.3	43,577	274	0.6	13,554	45	0.3	51,004	3,981	7.8	129	7	5.4
Both sexes:																		
10 to 14 years.....	74,759	208	0.3	26,823	37	0.1	28,657	76	0.3	15,748	26	0.2	2,686	15	0.6	41	-----	-----
15 to 24 years.....	115,904	320	0.3	35,304	68	0.2	46,845	233	0.5	20,417	49	0.2	12,157	368	3.0	49	1	-----
25 to 34 years.....	97,569	1,025	1.7	26,560	57	0.2	36,500	228	0.6	11,107	31	0.3	23,571	1,203	5.1	90	2	-----
35 to 44 years.....	78,012	1,965	2.5	17,809	58	0.3	21,641	122	0.6	6,534	19	0.3	31,255	1,559	5.0	108	4	3.7
45 to 54 years.....	51,712	1,755	3.4	10,734	40	0.4	10,730	78	0.7	2,748	17	0.6	26,921	1,345	5.0	70	2	-----
55 to 64 years.....	31,548	1,632	5.2	5,879	42	0.7	4,730	44	0.9	1,021	9	0.9	19,460	1,222	6.3	30	1	-----
65 years and over.....	19,824	1,908	9.9	3,654	28	0.8	1,188	31	2.6	376	8	2.1	13,691	1,514	11.1	15	5	-----
Male:																		
10 to 14 years.....	37,988	114	0.3	13,738	18	0.1	14,447	41	0.3	8,018	15	0.2	1,367	5	0.4	19	-----	-----
15 to 24 years.....	57,689	413	0.7	17,275	58	0.2	23,225	180	0.6	10,145	29	0.3	6,413	161	2.5	30	-----	-----
25 to 34 years.....	51,214	760	1.5	13,188	29	0.2	18,470	121	0.7	5,887	19	0.3	13,516	535	4.0	44	1	-----
35 to 44 years.....	43,810	942	2.2	10,033	40	0.4	11,797	89	0.6	3,543	8	0.2	17,977	719	4.0	71	3	-----
45 to 54 years.....	30,783	820	2.7	6,375	25	0.4	6,340	46	0.7	1,641	10	0.6	16,076	599	3.7	53	2	-----
55 to 64 years.....	18,726	749	4.0	3,523	24	0.7	2,858	21	0.7	647	8	1.2	11,439	536	4.7	18	-----	-----
65 years and over.....	11,010	869	7.9	2,136	12	0.8	727	19	2.6	228	6	2.6	7,704	660	8.6	6	2	-----
Female:																		
10 to 14 years.....	36,771	94	0.3	13,085	19	0.1	14,210	35	0.2	7,730	11	0.1	1,319	10	0.8	22	-----	-----
15 to 24 years.....	53,325	407	0.7	18,089	80	0.2	23,640	103	0.4	10,272	20	0.2	5,744	205	3.6	19	1	-----
25 to 34 years.....	46,355	865	1.9	13,362	28	0.2	18,130	102	0.6	5,520	12	0.2	10,055	668	6.6	46	-----	-----
35 to 44 years.....	34,202	1,013	3.0	7,776	16	0.2	9,844	53	0.5	2,991	11	0.4	13,278	840	6.3	37	1	-----
45 to 54 years.....	20,929	988	4.5	4,359	15	0.3	4,396	32	0.7	1,107	7	0.6	10,842	746	6.9	17	-----	-----
55 to 64 years.....	12,822	883	6.9	2,851	18	0.8	1,872	23	1.2	374	1	0.3	8,021	686	8.6	12	1	-----
65 years and over.....	8,314	1,039	12.5	1,518	16	1.1	461	12	2.6	148	2	1.4	5,987	854	14.3	9	3	-----

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TABLE 22.—COUNTRY OF ORIGIN AND MOTHER TONGUE OF THE FOREIGN WHITE STOCK, FOR THE STATE: 1920.

[Figures for country of origin relate to countries as constituted prior to the World War.]

COUNTRY OF ORIGIN.	Total foreign white stock: 1920	Foreign-born white Birth-place of father.	NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE.				MOTHER TONGUE.	Total foreign white stock: 1920	Foreign-born white.	NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE.			
			Total.	Both parents foreign.	Father foreign.	Mother foreign.				Total.	Both parents foreign.	Father foreign.	Mother foreign.
Total.	431,988	131,503	300,485	203,973	62,579	33,933	Total.	431,988	131,503	300,485	203,973	62,579	33,933
Northwestern Europe:							English and Celtic:	62,559	18,475	44,084	21,195	14,823	8,506
England.	8,913	3,201	5,622	1,022	2,849	1,351	German:	142,826	43,041	99,785	73,505	17,654	8,026
Scotland.	5,352	3,016	2,336	935	948	458	Dutch and Frisian:	2,938	958	1,978	1,099	564	315
Wales.	606	144	462	190	202	70	Flemish:	668	350	318	220	66	23
Ireland.	11,336	3,764	7,572	4,148	2,389	1,055	Scandinavian:						
Norway.	127,501	38,179	80,382	59,330	18,086	11,086	Swedish:	28,371	10,556	17,815	11,271	4,324	2,220
Sweden.	28,406	10,777	17,320	11,279	1,336	2,214	Norwegian:	127,532	38,263	89,270	59,298	18,940	11,035
Denmark.	12,728	4,664	8,004	5,306	1,944	814	Danish:	12,750	4,016	8,134	5,355	1,002	817
Netherlands.	2,790	947	1,843	995	554	294	Latin and Greek:						
Belgium.	839	388	451	204	117	40	Italian:	841	181	160	105	50	5
Luxembourg.	800	205	535	297	191	47	French:	7,267	1,929	5,338	2,915	1,630	787
Switzerland.	1,841	524	1,317	644	459	214	Spanish:	60	37	23	3	14	6
France.	1,134	380	745	288	324	133	Portuguese:	5	2	3	1	2	-----
Central and Eastern Europe:							Rumanian:	305	201	164	110	39	6
Germany.	57,477	14,002	43,475	26,093	11,700	5,592	Greek:	508	453	55	19	36	-----
Austria.	15,634	5,840	9,794	6,839	1,802	1,093	Slavic and Lettish:						
Hungary.	6,096	2,647	3,440	2,900	323	166	Polish:	4,751	1,485	3,266	2,344	687	235
Russia.	84,132	30,515	53,587	45,604	5,288	2,695	Czech:	8,491	2,551	5,940	4,080	1,146	708
Finland.	3,306	1,141	2,105	1,624	368	173	Slovak:	333	145	188	158	24	6
Rumania.	1,050	708	942	715	145	82	Russian:	11,365	4,680	6,085	5,850	532	303
Bulgaria, Serbia, and Montenegro.	86	62	24	17	6	1	Ruthenian:	682	408	184	180	1	3
Turkey in Europe.	32	27	5	5	-----		Slovenian:	101	51	50	35	9	6
Southern Europe:							Serbo-Croatian:	177	122	55	43	9	3
Greece.	440	384	56	19	36	1	Bulgarian:	154	116	38	37	-----	1
Italy.	338	151	157	103	49	5	Slavie, not specified:						
Spain.	17	9	8	-----	6	2	Lithuanian and Lettish:	132	74	58	46	10	2
Portugal.	8	4	4	-----	3	1	Unclassified:						
Europe, not specified.	78	3	75	26	43	6	Yiddish and Hebrew:	1,068	858	810	709	65	36
Asia:							Magyar:	705	328	377	326	35	16
Turkey in Asia.	835	394	441	402	37	2	Finnish:	3,308	1,124	2,274	1,722	372	170
All other countries.	44	21	23	12	11	-----	Armenian:	42	30	12	6	0	-----
America:							Syrian and Arabic:	731	307	424	394	28	2
Canada—French.	5,774	1,482	4,202	2,438	1,237	617	Turkish:	15	10	5	-----		
Canada—Other.	33,013	7,604	25,409	11,214	8,607	5,688	Albanian:	2	1	1	-----		
Newfoundland.	34	24	10	5	5	-----	Unknown:	204	71	133	69	38	27
West Indies ¹ .	6	3	3	2	1	-----	Of mixed mother tongue:	12,849	-----	12,849	12,849	-----	
Mexico.	35	16	10	3	13	3							
Central and South America.	16	6	10	7	3	3							
All other.	210	52	167	54	62	51							
Of mixed foreign parentage.	20,212	-----	20,212	20,212	-----								

¹ Except possessions of the United States.

² Probably includes a considerable proportion of Hebrews erroneously reported as of Russian mother tongue.

TABLE 23.—OWNERSHIP OF HOMES, FOR COUNTIES AND PLACES HAVING 10,000 INHABITANTS OR MORE: 1920.

COUNTY OR CITY.	Total homes.	Rented.	OWNED.				COUNTY OR CITY.	Total homes.	Rented.	OWNED.					
			Total.	Free.	Encumbered.	Un-known.				Total.	Free.	Encumbered.	Un-known.		
						Tenure unknown.							Tenure unknown.		
The state.....	134,881	45,050	84,904	37,268	43,375	4,261	4,927	COUNTIES—CON.							
COUNTIES.								McIntosh.....	1,633	374	1,194	612	423	150	65
Adams.....	1,279	335	882	283	583	16	62	McKenzie.....	2,394	864	1,975	582	1,874	19	55
Barnes.....	3,035	1,595	2,147	974	892	281	193	McLean.....	3,683	964	2,621	1,034	1,503	84	68
Benson.....	2,749	1,007	1,558	704	706	148	184	Mercer.....	1,581	297	1,244	591	622	31	40
Billings.....	653	101	533	100	357	16	19	Morton.....	3,702	1,008	2,574	1,342	1,171	61	120
Bottineau.....	3,269	1,104	2,039	905	968	166	128	Mountrail.....	2,759	657	2,048	573	1,452	23	54
Bowman.....	1,131	251	768	248	513	7	112	Nelson.....	2,111	740	1,277	606	509	162	94
Burke.....	2,032	512	1,401	603	770	28	119	Oliver.....	867	203	634	203	402	29	30
Burleigh.....	3,216	1,376	1,739	677	1,009	53	101	Pembina.....	3,108	886	2,042	1,091	635	316	180
Cass.....	8,926	4,288	4,364	2,112	1,881	371	374	Pierce.....	1,755	630	1,024	446	527	61	95
Cavalier.....	3,068	1,043	1,864	694	988	174	171	Ramsey.....	3,178	1,413	1,654	842	730	82	111
Dickey.....	2,166	794	1,202	545	589	68	170	Ransom.....	2,433	704	1,560	786	746	28	79
Divide.....	2,168	47	1,645	434	1,185	46	66	Renville.....	1,614	495	1,087	342	705	40	33
Dunn.....	1,370	225	1,447	455	981	11	98	Richland.....	4,228	1,608	2,568	1,475	1,051	87	64
Eddy.....	1,387	60	761	314	428	19	36	Rolette.....	2,072	583	1,413	881	550	32	76
Emmons.....	2,147	584	1,400	668	635	187	93	Sargent.....	2,031	662	1,317	602	692	23	52
Foster.....	1,305	517	732	288	409	35	56	Sheridan.....	1,448	455	954	348	556	50	39
Golden Valley.....	1,151	278	792	316	402	14	81	Sioux.....	787	142	622	474	146	2	23
Grand Forks.....	6,290	2,711	3,819	1,895	1,295	129	260	Slope.....	1,124	255	853	264	551	8	16
Grant.....	1,930	383	1,491	470	987	34	56	Stark.....	2,660	761	1,838	840	925	71	63
Griggs.....	1,501	529	892	262	399	231	80								
Hettinger.....	1,585	467	1,091	393	671	27	27								
Kidder.....	1,644	421	1,108	419	727	22	55								
LaMoure.....	2,425	841	1,493	569	734	190	91								
Logan.....	1,384	356	984	437	530	17	44								
McHenry.....	3,166	995	2,052	863	1,085	103	119								

POPULATION—NORTH DAKOTA.

TABLE 23.—OWNERSHIP OF HOMES, FOR COUNTIES AND PLACES HAVING 10,000 INHABITANTS OR MORE: 1920—Con.

COUNTY OR CITY.	Total homes.	Rented.	OWNED.				Tenure unknown.	COUNTY OR CITY.	Total homes.	Rented.	OWNED.				Tenure unknown.
			Total.	Free.	Encumbered.	Un-known.					Total.	Free.	Encumbered.	Un-known.	
COUNTIES—con.															
Walsh.....	3,864	958	2,735	1,676	944	115	171	Fargo.....	4,877	2,632	2,139	936	1,045	158	106
Ward.....	6,243	2,806	3,273	1,200	1,873	101	184	Grand Forks.....	3,189	1,590	1,487	948	494	45	112
Wells.....	2,020	935	1,570	743	798	38	106	Minot.....	2,844	1,525	1,798	487	802	9	21
Williams.....	4,032	1,124	2,804	871	1,893	40	104								

TABLE 24.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920.

[Population 10 years of age and over—Total, 470,210; males, 251,089; females, 218,221. Persons gainfully occupied—Total, 207,082; males, 178,754; females, 28,328. Per cent of persons 10 years of age and over gainfully occupied—Total, 44.0; males, 70.9; females, 13.0.]

SEX AND OCCUPATION.	Total.	COLOR OR RACE, NATIVITY, AND PARENTAGE.					AGE PERIODS.					
		Native white.		Foreign-born white.	Negro.	Ind., Chi., Jap., and all other.	10 to 17 years.	18 and 19 years.	20 to 24 years.	25 to 44 years (includes age unknown).	45 to 64 years.	65 years and over.
		Native parent-age.	Foreign or mixed parent-age.									
MALES	178,754	43,462	69,862	63,759	243	1,428	6,892	7,091	22,698	191,722	44,827	5,524
Agriculture, forestry, and animal husbandry.....	116,457	23,728	46,501	46,005	81	1,142	5,735	5,297	15,392	57,034	28,204	3,785
Farm foremen, general farms.....	875	267	384	220	1	3	15	156	482	192	30	
Farm laborers (home farm).....	13,227	2,992	8,603	1,609	6	17	4,008	2,382	4,308	2,386	100	33
Farm laborers (working out).....	22,413	5,402	10,131	5,574	10	290	1,658	2,570	6,387	9,089	2,376	324
Farmers, general farms.....	77,764	14,333	26,690	35,935	57	739	248	4,327	44,077	25,853	3,249	
Gardeners.....	264	36	58	99	71		5	77	130	52		
Stock herders, drovers, and feeders.....	403	180	147	86	10		46	48	106	152	45	6
Stock raisers.....	892	314	276	290	1	11	3	42	476	326	45	
All other occupations.....	629	224	212	102	1		23	22	61	285	182	56
Extraction of minerals.....	1,298	367	371	552	3	3	41	51	187	799	206	12
Coal mine operatives.....	1,143	304	318	516	3	2	35	49	176	712	162	9
All other occupations.....	153	63	53	36	1		6	2	11	87	44	3
Manufacturing and mechanical industries.....	17,849	4,887	6,209	6,659	47	47	294	530	2,091	8,666	4,670	598
Blacksmiths.....	982	149	275	549	1	8	11	49	635	341	46	
Brick and stone masons.....	317	58	69	189	1		6	159	126	23		
Builders and building contractors.....	353	85	112	156			3	176	158	16		
Carpenters.....	3,435	725	1,048	1,654	1	7	7	54	218	1,853	1,143	180
Compositors, Linotypers, and typesetters.....	408	173	161	74			8	19	68	234	73	6
Electricians.....	434	164	103	75	2		14	103	277	277	37	3
Engineers (stationary).....	774	266	819	182	3	4	7	27	105	410	200	16
Laborers (not otherwise specified):												
Building, general, and not specified laborers.....	3,277	918	1,166	1,147	27	19	113	155	472	1,635	864	138
Food industries.....	251	81	75	93	2		18	15	51	120	42	5
Other industries.....	556	152	202	202			32	39	90	276	112	8
Machinists.....	945	319	430	193	2	1	26	195	606	606	113	5
Managers and superintendents (manufacturing).....	334	134	127	73			24	207	97	97		
Manufacturers.....	294	102	93	99			14	150	121	9		
Mechanics (not otherwise specified).....	1,242	445	677	216	3	1	54	271	823	88	42	
Painters, glaziers, and varnishers (building).....	666	201	189	276			3	10	41	356	214	
Plumbers and gas and steam fitters.....	388	123	171	93	1		8	27	260	89	4	
Semiskilled operatives (not otherwise specified):												
Food industries.....	286	81	108	97			14	18	50	170	34	
Iron and steel industries.....	342	91	126	125			8	16	61	190	65	2
Other industries.....	485	120	167	105	3		19	22	50	227	145	22
Shoemakers and cobblers (not in factory).....	243	20	36	186	1		3	3	6	100	107	24
Tailors.....	201	34	51	205	1		2	2	13	166	94	14
All other occupations.....	1,646	446	614	580	4	2	60	37	174	828	404	43
Transportation.....	11,510	4,044	3,975	3,421	26	44	264	420	1,496	6,607	2,495	238
Brakemen.....	640	335	229	74	2		24	151	426	37		
Conductors (steam railroad).....	387	211	131	45			4	283	94			
Draymen, teamsters, and expressmen ¹	1,481	552	563	384	2	10	47	64	227	793	317	33
Foremen and overseers (steam railroad).....	754	140	210	401	1	2	4	32	400	246	12	
Garage keepers and managers.....	401	124	180	96	1		1	27	285	86	2	
Laborers:												
Steam railroad.....	2,685	577	693	1,381	14	30	138	162	387	1,240	705	73
Other transportation industries.....	304	83	134	85	2		8	19	69	138	57	18
Livery stable keepers and managers.....	250	75	89	85	1		2	13	115	102	18	
Locomotive engineers.....	538	240	175	123				4	373	155	6	
Locomotive firemen.....	448	205	153	90				12	92	335	8	1
Mail carriers.....	737	282	314	140	1	2	15	74	445	185	16	
Switchmen and flagmen (steam railroad).....	277	138	86	52	1		5	33	180	49	10	
Telegraph operators.....	369	101	151	27			6	17	62	219	34	1
Ticket and station agents.....	395	178	178	39			1	11	65	254	61	3
All other occupations.....	1,844	713	699	429	3		62	84	249	1,061	359	29

¹ Includes 365 males of unknown age.

² Teamsters in agriculture, forestry, and the extraction of minerals are classified with the other workers in those industries, respectively; and drivers for bakeries and laundries are classified with deliverymen in trade.

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TABLE 24.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920—Con.

SEX AND OCCUPATION.	Total.	COLOR OR RACE, NATIVITY, AND PARENTAGE.					AGE PERIODS.						
		Native white,		Foreign-born white.	Negro.	Ind., Chi., Jap., and all other.	10 to 17 years.	18 and 19 years.	20 to 24 years.	25 to 44 years (includes age unknown).	45 to 64 years.	65 years and over.	
		Native parentage.	Foreign or mixed parentage.										
MALES—Continued.													
Trade.....	16,772	5,128	7,152	4,468	15	11	284	312	1,602	9,759	4,474	361	
Bankers and bank officials.....													
Clerks in stores ¹	1,756	559	912	285			2	67	83	202	1,197	341	16
Commercial travelers.....	944	281	469	192							448	107	8
Deliverymen.....	1,030	443	887	200							673	283	16
Insurance agents.....	318	121	137	68			2	36	25	63	150	41	3
Laborers in coal and lumber yards, warehouses, etc.....	451	200	167	84							287	121	13
Proprietors, officials, and managers (elevators).....	455	136	176	141	2			12	20	67	243	99	9
Real estate agents and officials.....	607	166	263	178							384	188	11
Retail dealers ²	579	243	197	139							259	272	39
Salesmen (stores).....	6,602	1,598	2,654	2,341	8	1	3	14	294	3,875	2,298	188	
All other occupations.....	3,016	975	1,411	621	4	5	92	143	530	1,685	531	35	
	1,014	404	379	229	1	1	54	21	100	533	263	23	
Public service (not elsewhere classified).....	1,408	467	542	384	2	18	10	30	135	595	543	95	
Officials and inspectors (city and county).....	857	111	149	97							167	145	28
Postmasters.....	260	68	96	66							116	105	23
All other occupations.....	791	268	297	221		2	18	10	29	103	312	293	44
Professional service.....	4,907	1,906	1,739	1,246	4	12	21	101	493	2,818	1,310	164	
Clergymen.....	944	171	232	532	2	7					496	380	41
College presidents and professors ³	183	117	55	11							121	52	4
Dentists.....	257	113	118	31							192	41	
Lawyers, judges, and justices.....	626	272	246	108							365	211	40
Physicians and surgeons.....	532	195	187	180							313	194	18
Teachers (school).....	1,002	462	454	84		2	8	70	271		536	100	8
Technical engineers.....	235	112	95	28							157	32	3
All other occupations.....	1,128	464	387	272	2	3	13	22	109		638	300	46
Domestic and personal service.....	4,260	1,404	1,368	1,275	63	150	127	115	397	2,179	1,243	199	
Barbers, hairdressers, and manicurists.....	871	354	301	145	11		6	20	92	616	133	4	
Billiard and pool room keepers.....	483	152	186	145			4	1	41	290	135	13	
Hotel keepers and managers.....	403	122	116	103		2	1	5	25	160	214	23	
Janitors and sextons.....	614	189	138	295	11	3	11	5	25	175	311	87	
Restaurant, cafe, and lunch room keepers.....	348	101	115	107	2	23	3	24	205	104	12		
Servants.....	746	226	225	220	10	64	81	40	109	344	149	22	
All other occupations.....	796	280	220	200	29	58	26	42	101	389	197	38	
Clerical occupations.....	4,295	1,533	2,005	749	2	6	136	235	905	2,265	682	72	
Accountants and auditors.....	238	105	93	36		4	2	3	33	150	46	6	
Agents.....	1,274	353	574	347			5	82	82	813	847	25	
Bookkeepers and cashiers.....	953	358	501	113	1	1	14	59	306	490	73	11	
Clerks (except clerks in stores).....	1,546	627	694	222	2	1	49	140	429	730	173	25	
All other occupations.....	284	110	143	31			71	28	55	82	43	5	
FEMALES.....	28,328	8,709	14,375	5,132	45	67	2,047	3,383	8,746	4,10,382	3,877	413	
Agriculture, forestry, and animal husbandry.....	3,429	508	1,410	1,473	3	35	663	242	323	873	1,137	191	
Farm laborers (home farm).....	1,136	150	752	227		1	600	174	184	145	20	4	
Farm laborers (working out).....	340	71	182	84		3	57	63	90	89	36	5	
Farmers, general farms.....	1,765	249	418	1,064	3	31			41	574	984	166	
All other occupations.....	188	32	58	98			6	5	8	65	88	16	
Extraction of minerals (all occupations).....	2		2						1		1		
Manufacturing and mechanical industries.....	1,388	247	717	265	4	5	53	66	204	772	217	26	
Dressmakers and seamstresses (not in factory).....	819	187	456	169	3	4	9	24	119	500	147	20	
Semiskilled operatives (not otherwise specified).....	176	58	93	27			23	21	31	52	17	2	
All other occupations.....	343	104	168	69	1	1	21	21	54	190	53	4	
Transportation.....	952	400	479	72	1		96	176	385	267	28		
Telephone operators.....	754	316	386	52		1	90	148	322	179	15		
All other occupations.....	198	84	93	20			6	28	63	88	13		
Trade.....	2,180	699	1,219	261		1	165	274	845	938	149	9	
Clerks in stores ¹	720	241	399	79		1	81	113	253	247	25	1	
Retail dealers ²	168	52	69	47					3	18	98	43	6
Saleswomen (stores).....	1,152	349	679	124			82	151	365	509	47	1	
All other occupations.....	140	57	72	11			2	7	9	87	34	1	

¹ Many of the "Clerks in stores" probably are "Salesmen."

² Includes, also, managers and superintendents of retail stores.

³ Probably includes some teachers in schools below collegiate rank.

⁴ Includes 100 females of unknown age.

POPULATION—NORTH DAKOTA.

TABLE 24.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920—Con.

SEX AND OCCUPATION.	Total.	COLOR OR RACE, NATIVITY, AND PARENTAGE.				AGE PERIODS.					
		Native white.		Foreign-born white.	Negro.	Ind., Chi., Jap., and all other.	10 to 17 years.	18 and 19 years.	20 to 24 years.	25 to 44 years (includes age unknown).	45 to 64 years.
		Native parent-age.	Foreign or mixed parent-age.								
FEMALES—Continued.											
Public service (not elsewhere classified).....	286	121	132	33	.....	.....	.....	6	40	182	58
Postmistresses.....	187	81	80	17	.....	.....	.....	8	39	101	41
All other occupations.....	99	40	43	16	.....	.....	.....	1	81	17	.....
Professional service.....	8,111	3,342	4,259	507	1	2	109	1,180	3,662	2,820	322
Musicians and teachers of music.....	254	115	122	17	.....	.....	5	13	84	133	17
Teachers (school).....	6,547	2,760	3,461	314	1	2	80	1,060	3,131	2,079	11
Trained nurses.....	784	203	463	118	.....	.....	24	72	334	326	51
All other occupations.....	528	255	213	58	.....	.....	35	113	282	68	4
Domestic and personal service.....	8,906	2,079	4,418	2,349	36	24	852	1,043	2,119	3,831	1,395
Boarding and lodging house keepers.....	351	98	124	129	.....	.....	.....	2	151	178	20
Hotel keepers and managers.....	146	44	42	40	.....	.....	.....	2	68	75	1
Housekeepers and stewardesses.....	1,804	425	818	548	5	8	97	345	876	422	64
Laundresses (not in laundry).....	418	68	118	229	1	2	10	11	32	198	155
Laundry operatives.....	201	54	93	51	3	.....	44	33	47	56	20
Nurses (not trained).....	473	140	222	111	.....	.....	23	23	82	240	117
Servants.....	4,627	854	2,521	1,089	19	14	681	719	1,316	1,474	383
Waitresses.....	690	205	401	86	4	.....	114	158	264	154	11
All other occupations.....	190	61	79	46	4	.....	3	7	29	114	34
Clerical occupations.....	3,124	1,213	1,789	172	.....	.....	109	395	1,388	1,178	71
Bookkeepers and cashiers.....	900	308	527	65	.....	.....	29	116	336	400	17
Clerks (except clerks in stores).....	750	303	396	51	.....	.....	34	98	315	289	36
Stenographers and typists.....	1,374	560	766	48	.....	.....	41	178	678	464	12
All other occupations.....	100	42	50	8	.....	.....	5	5	39	45	6

TABLE 25.—WOMEN 15 YEARS OF AGE AND OVER IN EACH PRINCIPAL CLASS OF THE POPULATION ENGAGED IN GAINFUL OCCUPATIONS, CLASSIFIED BY MARITAL CONDITION, WITH A DISTRIBUTION OF THE MARRIED BY AGE PERIODS, FOR THE STATE: 1920.

CLASS OF POPULATION.	Aggregate.	MARRIED.						Single, widowed, divorced, and unknown.
		Total.	15 to 19 years.	20 to 24 years.	25 to 34 years.	35 to 44 years.	45 years and over.	
		Native white—Native parentage.	Native white—Foreign or mixed parentage.	Foreign-born white.	Negro.	Indian.	Chinese, Japanese, and all other.	
All classes.....	27,971	3,910	107	594	1,272	1,015	922	24,061
Native white—Native parentage.....	8,647	1,494	49	269	500	382	294	7,153
Native white—Foreign or mixed parentage.....	14,115	1,476	47	265	587	349	251	12,639
Foreign-born white.....	5,097	916	10	57	199	281	369	4,181
Negro.....	45	11	.....	1	3	2	5	34
Indian.....	67	18	1	2	3	4	3	54
Chinese, Japanese, and all other.....	.....	.....	.....	.....	.....	.....	.....	.....

¹Includes age unknown.

COMPOSITION AND CHARACTERISTICS.
SUPPLEMENTAL TABLES FOR INDIAN POPULATION.

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AGE, FOR THE STATE: 1920 AND 1910.

AGE PERIOD.	INDIANS.									AGE PERIOD.	INDIANS.									
	Number: 1920			Per cent: 1920			Per cent: 1910				Number: 1920			Per cent: 1920			Per cent: 1910			
	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.		Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	
All ages.....	6,254	3,183	3,071	100.0	100.0	100.0	100.0	100.0	100.0	20 to 44 years.....	1,819	952	867	29.1	29.9	28.2	27.9	20.4	26.4	
Under 5 years.....	898	420	469	14.4	13.5	15.3	14.6	13.8	15.5	45 years and over...	1,283	693	590	20.5	21.8	19.2	19.9	10.7	20.1	
Under 1 year.....	151	68	83	2.4	2.1	2.7	3.1	3.2	3.0	Ago unknown.....	35	19	16	0.6	0.6	0.5	0.2	0.2	0.3	
5 to 9 years.....	815	393	422	13.0	12.3	13.7	13.6	12.8	14.4	18 to 44 years.....	2,063	1,070	993	33.0	33.6	32.3	31.8	33.6	30.1	
10 to 14 years.....	802	398	404	12.8	12.5	13.2	12.8	12.4	13.3	21 years and over...	3,022	1,613	1,409	48.3	50.7	45.9	46.5	48.1	45.0	
15 to 19 years.....	602	299	303	9.6	9.4	9.0	10.9	11.7	10.1											

SCHOOL ATTENDANCE, FOR THE STATE: 1920 AND 1910.

AGE PERIOD.	INDIANS: 1920				INDIANS: 1910				AGE PERIOD.	INDIANS: 1920				INDIANS: 1910				
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.			Total number.	Attending school.		Total number.	Attending school.			
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	Number.		Per cent.	Number.		Per cent.			
5 to 20 years, inclusive.....	2,334	1,007	43.1	2,519	1,444	57.3	7 to 13 years.....	1,142	625	54.7	1,142	625	54.7	1,209	849	70.2		
Male.....	1,141	470	41.2	1,229	716	58.3	14 and 15 years.....	255	148	58.0	255	148	58.0	328	209	62.0		
Female.....	1,193	537	45.0	1,290	728	56.4	16 and 17 years.....	243	123	50.6	243	123	50.6	280	175	62.5		
5 and 6 years.....	335	30	9.0	350	48	13.7	18 to 20 years.....	350	81	22.6	350	81	22.6	352	103	29.3		

ILLITERACY, FOR THE STATE: 1920 AND 1910.

AGE PERIOD.	INDIANS: 1920				INDIANS: 1910				AGE PERIOD.	INDIANS: 1920				INDIANS: 1910				
	Total number.	Illiterate.		Total number.	Illiterate.		Total number.	Illiterate.			Total number.	Illiterate.		Total number.	Illiterate.			
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	Number.		Per cent.	Number.		Per cent.			
10 years and over.....	4,541	1,344	29.6	4,654	2,142	46.0	21 years and over.....	3,022	1,223	40.6	3,010	1,896	62.8					
Male.....	2,361	688	29.1	2,366	1,031	43.6	Male.....	1,613	622	38.6	1,551	916	59.0					
Female.....	2,180	656	30.1	2,288	1,111	48.6	Female.....	1,409	606	43.0	1,468	981	66.8					
10 to 20 years.....	1,619	116	7.6	1,636	246	15.0												
Male.....	748	66	8.8	820	116	14.2												
Female.....	771	50	6.5	820	130	15.9												

SEX, ILLITERACY, AND VOTING AGE, FOR COUNTIES: 1920.

[Per cent not shown where base is less than 100.]

COUNTY.	TOTAL INDIANS.				INDIANS 10 YEARS OF AGE AND OVER.				INDIANS 21 YEARS OF AGE AND OVER.			
	Both sexes.	Percent of total population.	Male.	Female.	Total number.	Illiterate.		Total number.	Number illiterate.	Total number.	Number illiterate.	
						Number.	Per cent.					
The state.....	6,254	1.0	3,183	3,071	4,541	1,344	29.6	1,613	623	1,409	606	
Benson.....	812	6.2	425	387	605	272	45.0	229	111	199	120	
Cavalier.....	64	0.4	36	28	47	18	-----	8	13	6		
Dunn.....	245	2.8	130	115	173	3	1.7	63	3	61	-----	
Eddy.....	39	0.6	21	18	25	6	-----	9	1	9	5	
McLean.....	650	3.8	332	328	494	174	35.2	184	79	164	79	
Mercer.....	200	2.4	89	111	143	-----	-----	49	-----	42	-----	
Pembina.....	98	0.6	53	45	61	19	-----	20	9	14	5	
Ramsey.....	31	0.2	15	16	20	5	-----	6	2	5	2	
Richland.....	85	0.4	22	63	81	1	-----	1	-----	-----	1	
Rolette.....	2,466	24.5	1,268	1,198	1,744	469	26.9	596	244	515	188	
Sargent.....	29	0.3	17	12	22	14	-----	12	9	6	5	
Sioux.....	1,203	39.4	655	648	983	387	34.3	374	144	335	183	
Williams.....	142	0.8	81	61	87	22	-----	31	9	24	11	
All other counties ¹	80	(*)	39	41	56	5	-----	21	3	22	2	

¹ Comprises those counties in which there are fewer than 25 Indians.

² Less than one-tenth of 1 per cent.

AGRICULTURE—NORTH DAKOTA.

INTRODUCTION.

In the following pages are presented all of the published results of the 1920 census of agriculture for this state and its counties, except certain detailed tabulations for the state which appear in Volume V of the Fourteenth Census Reports and a few minor items which have been published in special bulletins. The statistics of farms and farm property, including live stock, relate to January 1, 1920; those of live-stock

products, crops, and farm expenditures are for the calendar year 1919. In order to show the present tendency in agriculture, comparative figures for the census of 1910 are given throughout; and to show the general trend of the agricultural industry over a considerable period of time, all general farm information available is presented for the different censuses since 1880.

F FARMS AND FARM PROPERTY.

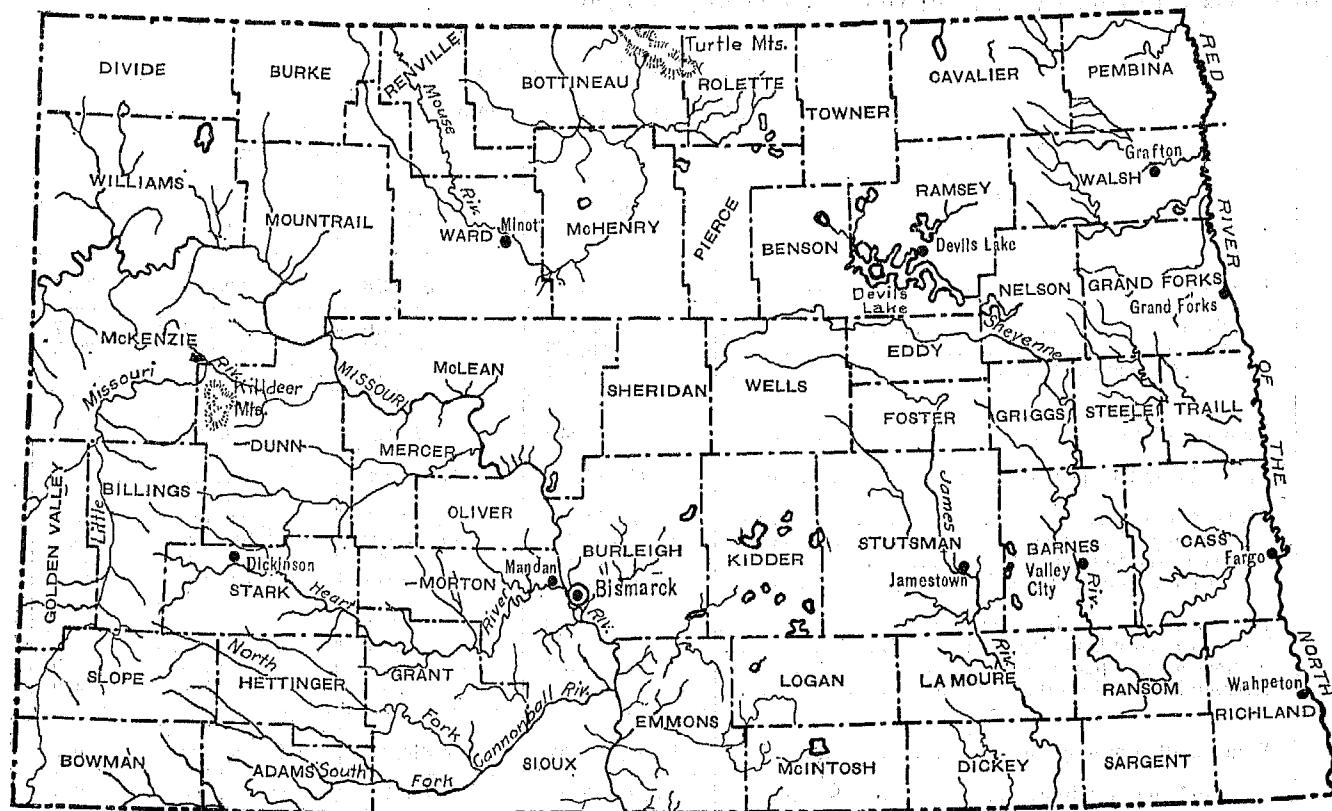
TABLE 1.—SUMMARY: 1920 AND 1910.

ITEM.	1920 (January 1)	1910 (April 15)	INCREASE.	
			Amount.	Per cent.
Population, total.....	646,872	577,056	69,816	12.1
Rural ¹	558,633	513,820	44,813	8.7
Urban.....	88,239	63,236	25,003	39.5
Per cent rural.....	86.4	89.0		
Number of farms.....	77,690	74,360	3,330	4.5
Approximate land area of the state.....acres.....	44,917,120	44,917,120		
All land in farms.....acres.....	36,214,751	28,426,650	7,788,101	27.4
Improved land in farms.....acres.....	24,563,178	20,455,092	4,108,086	20.1
Woodland in farms.....acres.....	679,836	421,877	257,959	61.1
Other unimproved land in farms.....acres.....	10,971,737	7,549,681	3,422,056	45.3
Per cent of land area in farms.....	80.6	63.3		
Per cent of farm land improved.....	67.8	72.0		
Average acreage per farm.....	486.1	382.3	83.8	21.9
Average improved acreage per farm.....	316.2	275.1	41.1	14.9
Value of all farm property.....	\$1,759,742,995	\$974,814,205	\$784,928,790	80.5
Land and buildings.....	1,488,521,495	822,656,744	665,864,751	80.9
Land alone.....	1,279,313,627	730,380,131	548,933,496	75.2
Buildings.....	209,207,868	92,276,613	116,931,255	126.7
Implements and machinery.....	114,186,865	48,907,595	70,279,270	160.1
Live stock.....	157,034,635	108,249,866	48,784,769	45.1
Average value per farm:				
All farm property.....	22,651	13,109	9,542	72.8
Land and buildings.....	19,160	11,063	8,097	73.2
Land alone.....	16,467	9,822	6,645	67.7
Buildings.....	2,693	1,241	1,452	117.0
Implements and machinery.....	1,470	590	880	149.2
Live stock.....	2,021	1,456	565	38.8
Average value per acre of land in farms:				
All farm property.....	48.59	34.29	14.30	41.7
Land and buildings.....	41.10	28.94	12.16	42.0
Land alone.....	35.33	25.69	9.64	37.5
Buildings.....	5.78	3.25	2.53	77.8
Implements and machinery.....	3.15	1.54	1.61	104.5
Live stock.....	4.34	3.81	0.53	13.9

¹ Population residing outside of incorporated places having 2,500 inhabitants or over. The rate of increase in the rural population between the two censuses is affected somewhat by the fact that certain places classified as rural in 1910 had become urban by 1920. The population in 1910 of the territory classified as rural in 1920 was 508,692. For this territory, the increase in population between 1910 and 1920 was 9.8 per cent, which percentage indicates the rate of growth of the rural population, leaving out of consideration the changes in classification of territory.

NORTH DAKOTA

COUNTIES, PRINCIPAL CITIES, RIVERS, AND MOUNTAINS.



AGRICULTURE—NORTH DAKOTA.

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EXPLANATION OF TERMS.

To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

Farm.—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term, referring to the work of growing crops, producing other agricultural products, and raising domestic animals, poultry, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1919, or required for its agricultural operations the continuous services of at least one person.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operation of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, managers, and tenants.

Farm owners include (1) farmers operating their own land only and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "full owners" being then used for those owning all their land.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1920 in five classes: (1) Share tenants—those who pay a certain share of the products, as one-half, one-third, or one-quarter, for the use of the farm but furnish their own farm equipment and animals; (2) croppers—share tenants who do not furnish their work animals; (3) share-cash tenants—those who pay a share of the products for part of the land rented by them and cash for part; (4) cash tenants—those who pay a cash rental, as \$7 per acre of crop land or \$500 for the use of the whole farm; (5) standing renters—those who pay a stated amount of farm products for the use of the farm, as 3 bales of cotton or 500 bushels of corn. In some cases the character of the tenancy was not ascertained by the enumerator; such tenants are designated "unspecified."

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) other unimproved land.

Improved land includes all land regularly tilled or mowed, land in pasture which has been cleared or tilled, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings.

Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products.

All other unimproved land includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest.

The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics, therefore, must be considered at best only a close approximation.

NUMBER OF FARMS, ACREAGE, AND VALUE.

TABLE 2.—NUMBER OF FARMS AND FARM ACREAGE: 1880 TO 1920.

CENSUS YEAR.	FARMS.		LAND IN FARMS.				Per cent of farm land im- proved.	
	Num- ber.	Per cent of in- crease.	All land.		Improved land.			
			Acre.	Per cent of in- crease.	Acre.	Per cent of in- crease. ¹		
1920.....	77,690	4.5	36,214,751	27.4	24,563,178	20.1	80.6	67.8
1910.....	74,300	64.0	28,426,650	82.9	20,455,092	112.1	63.3	72.0
1900.....	45,332	64.2	15,542,640	102.9	9,644,520	107.1	34.6	62.1
1890.....	27,611	628.5	7,690,333	645.3	4,658,015	.....	17.1	60.8
1880 ²	3,790	.....	1,027,845	.....	250,543	.....	2.3	25.3

¹ Per cent not shown when more than 1,000.

² No data prior to 1880. North Dakota admitted as a state in 1889. Figures for 1880 obtained by consolidating data for counties which then occupied the area now known as North Dakota.

TABLE 3.—VALUE OF FARM PROPERTY: 1880 TO 1920.

CEN- SUS YEAR.	ALL FARM PROPERTY.		LAND AND BUILDINGS.		IMPLEMENT AND MACHINERY.		LIVE STOCK.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Percent of increase. ¹
1920.....	\$1,750,742,995	80.5	\$1,488,521,405	80.9	\$114,186,865	100.1	\$157,034,635	45.1
1910.....	974,814,205	281.9	822,055,744	313.8	43,907,595	212.4	108,249,866	155.1
1900.....	255,206,751	153.4	198,780,700	163.0	14,055,560	111.4	42,430,491	125.8
1890.....	100,745,770	827.7	75,310,305	778.2	6,649,180	694.9	18,787,294	.....
1880 ²	10,859,528	.....	8,575,114	.....	830,361	.....	1,448,033	.....

¹ Per cent not shown when more than 1,000.

² No data prior to 1880. North Dakota admitted as a state in 1889. Figures for 1880 obtained by consolidating data for counties which then occupied the area now known as North Dakota.

TABLE 4.—AVERAGE ACREAGE AND AVERAGE VALUE PER FARM: 1880 TO 1920.

[Averages are based on "all farms" in the state.]

CENSUS YEAR.	AVERAGE ACREAGE PER FARM.		AVERAGE VALUE PER FARM.					
	All land.	Improved land.	All farm property.	Land and buildings.	Imple- ments and machinery.	Live stock.		
1920.....	400.1	316.2	\$22,651	\$10,100	\$1,470	\$2,021		
1910.....	382.3	275.1	13,109	11,063	590	1,456		
1900.....	342.0	212.8	5,631	4,385	310	936		
1890.....	277.4	168.7	3,649	2,728	241	680		
1880 ¹	271.2	68.5	2,865	2,263	221	382		

¹ No data prior to 1880. North Dakota admitted as a state in 1889. Figures for 1880 obtained by consolidating data for counties which then occupied the area now known as North Dakota.

TABLE 5.—AVERAGE VALUE PER ACRE: 1880 TO 1920.

[Averages are based on "all land in farms" in the state.]

CENSUS YEAR.	All farm property.	Land and buildings.	Land alone.	Buildings alone.	Implements and machinery.	Live stock.
1920.....	\$48.59	\$41.10	\$35.88	\$5.78	\$3.16	\$4.34
1910.....	34.29	28.94	25.09	3.25	1.54	3.81
1900.....	16.42	12.79	11.15	1.64	0.90	2.73
1890.....	13.15	9.83	.....	.....	0.87	2.45
1880 ¹	10.57	8.34	.....	.....	0.81	1.41

¹ No data prior to 1880. North Dakota admitted as a state in 1889. Figures for 1880 obtained by consolidating data for counties which then occupied the area now known as North Dakota.

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F FARMS BY SIZE.

TABLE 6.—NUMBER OF FARMS, BY SIZE: 1920 AND 1910.

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number	Per cent.	1920	1910
Total.....	77,690	74,380	3,330	4.5	100.0	100.0
Under 20 acres.....	314	229	85	37.1	0.4	0.8
Under 3 acres.....	30	54	-24	(2)	0.1	
3 to 9 acres.....	121	82	39	0.2	0.1	
10 to 19 acres.....	163	93	70	0.2	0.1	
20 to 49 acres.....	505	450	55	12.2	0.7	0.6
50 to 99 acres.....	917	1,207	-290	-24.0	1.2	1.6
100 to 174 acres.....	11,490	23,003	-11,513	-50.0	14.8	30.9
175 to 499 acres.....	42,078	34,393	7,685	22.3	54.2	46.3
175 to 250 acres.....	5,559	5,345	244	4.6	7.2	7.2
260 to 499 acres.....	36,439	29,048	7,441	25.6	47.0	39.1
500 to 999 acres.....	18,442	12,662	5,780	45.6	23.7	17.0
1,000 acres and over.....	3,944	2,416	1,528	63.2	5.1	3.2

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.

² Less than one-tenth of 1 per cent.

TABLE 7.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY SIZE: 1880 TO 1920.

SIZE GROUP.	1920	1910	1900	1890	1880 ¹	
					Number	Per cent
Total number of farms.....	77,690	74,380	45,332	27,611	3,790	
Under 10 acres.....	151	136	407	14	3	
10 to 19 acres.....	163	93	384	11	8	
20 to 49 acres.....	505	450	555	117	20	
50 to 99 acres.....	917	1,207	716	508	110	
100 to 499 acres.....	53,568	57,396	36,810	25,192	3,493	
500 to 999 acres.....	18,442	12,662	5,114	1,380	102	
1,000 acres and over.....	3,944	2,416	1,346	389	54	
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0	
Under 10 acres.....	0.2	0.2	0.9	0.1	0.1	
10 to 19 acres.....	0.2	0.1	0.8	(2)	0.2	
20 to 49 acres.....	0.7	0.6	1.2	0.4	0.5	
50 to 99 acres.....	1.2	1.6	1.6	1.8	2.9	
100 to 499 acres.....	60.0	77.2	81.2	91.2	92.2	
500 to 999 acres.....	23.7	17.0	11.3	5.0	2.7	
1,000 acres and over.....	5.1	3.2	3.0	1.4	1.4	

¹ No data prior to 1880. North Dakota admitted as a state in 1889. Figures for 1880 obtained by consolidating data for counties which then occupied the area now known as North Dakota.

² Less than one-tenth of 1 per cent.

TABLE 8.—FARM ACREAGE AND VALUE, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	36,214,751	28,426,650	24,563,178	20,455,092	\$1,488,521,495	\$822,656,744
Under 20.....	2,739	1,001	2,242	1,224	744,652	304,599
20 to 49.....	19,214	16,687	12,130	10,718	1,732,546	730,953
50 to 99.....	72,244	94,199	44,308	53,653	3,902,911	2,589,341
100 to 174.....	1,811,850	3,640,003	1,309,334	2,124,647	\$3,395,630	83,425,352
175 to 499.....	14,982,215	12,000,016	11,179,876	9,063,590	\$84,340,523	354,271,009
500 to 999.....	12,773,126	8,783,550	8,871,108	6,675,379	521,386,186	271,500,007
1,000 and over.....	6,563,303	3,889,094	3,144,171	2,525,881	191,913,747	109,815,883

TABLE 9.—PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
			Per farm.		Per acre.	
	1920	1910	1920	1910	1920	1910
Total.....	67.8	72.0	\$19,160	\$11,063	\$41.10	\$28.94
Under 20 acres.....	81.9	76.5	2,372	1,592	271.87	227.73
20 to 49 acres.....	63.2	64.2	3,431	1,644	90.17	44.34
50 to 99 acres.....	61.3	57.0	4,256	2,104	54.02	26.96
100 to 174 acres.....	72.3	58.4	7,302	3,627	46.30	22.92
175 to 499 acres.....	74.6	75.5	16,276	10,301	45.71	29.52
500 to 999 acres.....	69.5	76.0	28,277	21,442	40.83	30.91
1,000 acres and over.....	48.0	64.9	48,660	45,454	29.28	28.28

F FARMS BY TENURE.

TABLE 10.—NUMBER OF FARMS, BY TENURE: 1920 AND 1910.

TENURE.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number	Per cent.	1920	1910
Total.....	77,690	74,360	3,330	4.5	100.0	100.0
Owners.....	56,917	63,212	-6,295	-10.0	73.3	85.0
Owning entire farm.....	34,051	44,667	-10,616	-23.8	45.8	60.1
Hiring additional land.....	22,866	18,545	4,321	23.3	29.4	24.9
Managers.....	855	484	371	76.7	1.1	0.7
Tenants.....	19,918	10,664	9,254	86.8	25.6	14.3
Share tenants.....	16,913	8,080	8,857	109.5	21.8	10.9
Share-cash tenants.....	891	178	713	400.6	1.1	0.2
Cash tenants.....	1,175	324	851	262.7	1.5	0.4
Unspecified.....	909	2,076	-1,167	-56.2	1.2	2.8

¹ A minus sign (—) denotes decrease.

TABLE 11.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY TENURE: 1880 TO 1920.

TENURE.	1920	1910	1900	1890	1880 ¹	
					Number	Per cent
Total number of farms.....	77,690	74,360	45,332	27,611	3,790	
Farms operated by owners.....	56,917	63,212	40,972	25,698	2,712	
Owning entire farm.....	34,051	44,667	31,078	(3)	(3)	
Hiring additional land.....	22,866	18,545	6,804	(3)	(3)	
Farms operated by managers.....	855	484	495	(4)	(4)	
Farms operated by tenants.....	19,918	10,664	8,865	1,913	78	
Share tenants.....	16,913	8,080	8,080	1,374	62	
Share-cash tenants.....	891	178	3,274			
Cash tenants.....	1,175	324	501	539	16	
Unspecified.....	909	2,076				
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0	
Operated by owners.....	73.3	85.0	90.4	98.1	97.9	
Owning entire farm.....	43.8	60.1	75.2	(3)	(3)	
Hiring additional land.....	29.4	24.9	15.2	(3)	(3)	
Operated by managers.....	1.1	0.7	1.1	(4)	(4)	
Operated by tenants.....	25.6	14.3	8.5	6.9	2.1	
Share and share-cash.....	23.0	11.1	7.2	5.0	1.6	
Cash and unspecified.....	2.7	3.2	1.3	2.0	0.4	

¹ No data prior to 1880. North Dakota admitted as a state in 1889. Figures for 1880 obtained by consolidating data for counties which then occupied the area now known as North Dakota.

² Includes farms operated by managers.

³ Not reported separately.

⁴ Included with farms operated by owners.

TABLE 12.—FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

TENURE.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	36,214,751	28,426,650	24,563,178	20,455,092	\$1,488,521,495	\$822,656,744
Owners.....	26,850,085	23,586,728	17,457,329	16,407,608	1,040,855,450	658,809,090
Managers.....	811,467	477,213	482,855	374,882	35,108,503	16,898,168
Tenants.....	8,553,109	4,362,700	8,022,094	8,672,512	412,557,542	146,940,486

TABLE 13.—PER CENT DISTRIBUTION OF FARMS AND OF FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

TENURE.	NUMBER OF FARMS.		ALL LAND IN FARMS.		IMPROVED LAND IN FARMS.		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910	1920	1910
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	73.3	85.0	74.1	83.0	71.1	80.2	69.9	80.1
Managers.....								

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TABLE 14.—AVERAGE ACREAGE, PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY TENURE: 1920 AND 1910.

TENURE.	AVERAGE ACREAGE PER FARM.				PER CENT OF FARM LAND IM- PROVED.	AVERAGE VALUE OF LAND AND BUILDINGS.				
	All land.		Improved land.			Per farm.		Per acre.		
	1920	1910	1920	1910		1920	1910	1920	1910	
Total.....	406.1	382.3	316.2	275.1	67.8	72.0	\$19,160	\$11,063	\$41.10	\$28.94
Owners.....	471.7	373.1	306.7	259.6	65.0	69.6	18,287	10,422	38.77	27.93
Managers.....	949.1	988.0	504.7	774.5	59.5	78.6	41,063	34,913	43.27	35.41
Tenants.....	429.4	409.1	332.5	344.4	77.4	84.2	20,713	13,780	45.23	33.68

F FARMS BY SEX, RACE, AND NATIVITY OF FARMER.

TABLE 15.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY SEX AND TENURE OF FARMER: 1920.

SEX AND TENURE.	Number of farms.	All land in farms (acres).	Im- proved land in farms (acres).	Value of land and buildings.	AVERAGE PER FARM.			1920	1910
					All land (acres).	Im- proved land (acres).	Value of land and build- ings.		
					1920	1910	1920		
Total.....	77,690	36,214,751	24,563,178	\$1,488,521,495	466.1	316.2	\$19,160		
Male.....	76,016	35,497,405	24,130,154	1,460,029,054	467.0	317.4	19,215		
Female.....	1,674	717,286	433,024	27,891,541	428.5	258.7	16,662		
Owners.....	56,917	26,850,085	17,457,329	1,040,855,450	471.7	306.7	18,287		
Male.....	55,889	26,218,080	17,063,681	1,015,615,029	478.3	308.1	18,334		
Female.....	1,528	632,005	393,748	25,340,421	413.6	257.7	16,584		
Managers.....	855	811,467	482,855	35,108,503	949.1	564.7	41,063		
Male.....	851	810,206	481,904	35,014,153	952.2	566.3	41,145		
Female.....	4	1,171	951	94,350	292.8	237.8	23,588		
Tenants.....	19,018	8,553,198	6,622,994	412,557,542	429.4	332.5	20,718		
Male.....	19,776	8,460,059	6,584,669	410,100,772	428.3	333.0	20,737		
Female.....	142	84,110	38,325	2,456,770	502.3	209.0	17,301		

TABLE 16.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY NATIVITY OF WHITE FARMERS AND BY RACE OF COLORED FARMERS: 1920 AND 1910.

COLOR AND NATIVITY OR RACE.	NUMBER OF FARMS.		LAND IN FARMS, 1920 (ACRES).		Value of land and buildings, 1920	ITEM.	1920	1910
	1920	1910	Total.	Improved.				
	1920	1910	1920	1910				
All farmers.....	77,690	74,360	36,214,751	24,563,178	\$1,488,521,495			
White farmers.....	77,147	73,617	36,028,299	24,517,007	1,484,992,639			
Native.....	40,839	35,750	19,393,945	13,158,149	814,172,454			
Foreign-born.....	36,248	37,867	16,634,354	11,358,588	670,820,633			
Country of birth:								
Austria.....	849	1,304	372,033	261,412	21,439,658			
Canada.....	3,125	4,251	1,465,396	1,143,714	76,724,726			
Denmark.....	1,237	1,318	544,605	387,273	22,020,015			
England.....	431	627	279,036	148,288	9,111,168			
Finland.....	432	(2)	205,011	132,276	7,707,159			
Germany.....	3,604	4,825	1,767,977	1,237,035	78,767,040			
Holland.....	296	216	142,504	98,000	5,969,958			
Hungary.....	697	513	328,024	180,497	8,271,683			
Ireland.....	335	839	172,315	130,780	8,465,624			
Norway.....	10,900	10,886	4,462,915	3,151,941	103,191,032			
Poland.....	516	286	200,047	137,564	8,659,866			
Rumania.....	284	(2)	128,184	93,600	4,136,520			
Russia.....	8,590	7,734	4,418,144	2,734,178	132,991,335			
Scotland.....	238	359	140,717	99,328	6,001,545			
Sweden.....	3,377	3,635	1,476,824	1,045,014	61,934,345			
Switzerland.....	142	151	78,206	53,048	3,310,955			
Other countries....	1,105	923	455,396	319,110	21,615,086			
Colored farmers.....	543	743	186,452	46,171	3,528,856			
Negro.....	26	22	11,076	5,563	286,740			
Indian.....	517	721	175,376	40,608	3,243,116			

¹ Includes farmers with country of birth not reported, as follows: For 1920, 1,452; for 1910, 61.

² Included with "other countries."

TABLE 17.—NUMBER OF FARMERS, CLASSIFIED BY TENURE, COLOR, AND NATIVITY: 1920 AND 1910.

TENURE.	ALL FARMERS.		NATIVE WHITE. ¹		FOREIGN-BORN WHITE.		COLORED.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	77,690	74,360	40,893	35,750	36,248	37,867	543	743
Owners.....	56,917	63,212	27,489	29,082	28,969	33,403	469	727
Managers.....	855	484	627	316	226	166	2	2
Tenants.....	19,018	10,064	12,783	6,352	7,063	4,298	72	14

¹ Includes farmers with country of birth not reported.

F FARM MORTGAGES.

TABLE 18.—MORTGAGED FARMS: 1920 AND 1910.

[Owned farms only; includes all farms owned in whole or in part by the operator.]

CLASS.	NUMBER OF OWNED FARMS.		INCREASE. ¹	PER CENT OF TOTAL.		
	1920	1910		Number.	Percent.	
Total.....	56,917	63,212	-6,295	-10.0	100.0	100.0
Free from mortgage.....	12,833	30,651	-17,818	-58.1	22.5	48.5
Mortgaged.....	40,462	31,727	8,735	27.5	71.1	50.2
Unknown.....	3,022	834	1,788	334.3	6.4	3.3

¹ A minus sign (—) denotes decrease. The comparative figures shown for farms free from mortgage and mortgaged are affected somewhat by the fact that more farms were tabulated as "unknown" in 1920 than in 1910.

TABLE 19.—MORTGAGED FARMS (OR FARM HOMES): 1890 TO 1920.

CLASS.	OWNED FARMS.		OWNED FARM HOMES.		PER CENT OF TOTAL.			
	1920	1910	1900	1890	1920	1910	1900	1890
	1920	1910	1900	1890	1920	1910	1900	1890
Total.....	56,917	63,212	30,456	25,431	100.0	100.0	100.0	100.0
Free from mortgage.....	12,833	30,651	20,113	13,054	22.5	48.5	66.2	51.3
Mortgaged.....	40,462	31,727	11,905	12,377	71.1	50.2	30.3	48.7
Unknown.....	3,022	834	1,378	-----	6.4	1.3	3.5	-----

TABLE 20.—MORTGAGE DEBT: 1920 AND 1910.

ITEM.	OWNED FARMS MORTGAGED. ¹		INCREASE.	PER CENT OF ALL FARMS.				
	1920	1910		Amount.	Per cent.	1920	1910	
	1920	1910	Number.	Per cent.	1920	1910	1920	
Number of farms reporting amount of debt.....	22,023	19,187	-----	-----	8,436	17.9		
Value of land and buildings.....	\$380,132,941	\$213,642,653	\$166,489,988	77.9				
Amount of mortgage debt.....	\$108,284,082	\$47,841,587	\$60,443,095	120.3				
Ratio of debt to value, per cent.....	28.5	22.4	-----	-----				
Average rate of interest paid, per cent.....	6.7	-----	-----	-----				
Average value per farm.....	\$16,803	\$11,195	\$5,668	50.9				
Average debt per farm.....	\$4,780	\$2,493	\$2,298	92.0				
Average equity per farm.....	\$12,016	\$8,642	\$3,374	39.0				

¹ Includes only farms consisting wholly of owned land and reporting amount of debt. In considering the comparative figures it should be borne in mind that the mortgage debt may have been more completely reported at one census than at the other.

F FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED.

TABLE 21.—F FARMS REPORTING EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

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TABLE 22.—AMOUNT OF EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	AMOUNT EXPENDED.		INCREASE.	
	1919	1909	Amount.	Per cent. ¹
Labor, total.....	\$37,063,815	\$21,740,149	\$15,323,666	70.5
Amount in cash.....	27,678,182	17,193,082	10,480,100	60.9
Value of rent and board furnished.....	9,385,633	4,542,067	4,843,566	106.6
Fertilizer.....	119,782	10,003	109,779	1,097.2
Feed.....	12,382,661	2,003,028	10,379,633	518.2

¹ Per cent not shown when more than 1,000.

LIVE STOCK ON FARMS AND ELSEWHERE.

(DOMESTIC ANIMALS, POULTRY, AND BEES.)

Domestic animals: 1920 and 1910.—The census of 1920 was taken as of January 1 and that of 1910 as of April 15. Since a great many domestic animals are born during the period between January 1 and April 15 and, on the other hand, a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not fully comparable. In addition to the change in the date of enumeration, there have been certain changes in the age and sex classifications. The 1910 figures presented in the following tables are therefore restricted to those classes of domestic animals which are least affected by these changes and for which the figures are fairly comparable with the 1920 returns.

Dairy cows: 1920 and 1910.—In 1910 the census called for "cows and heifers kept for milk" and "cows and heifers not kept for milk." The instructions read: "Report as cows kept for milk those whose milk is used in some form for human food. Cows milked for three months during the year should be reported as *kept for milk*, although a part of the year they run with their calves."

In 1920 the census called for "dairy cattle" and "beef cattle." Dairy cattle were defined as those "kept mainly for milk production," and the following instructions were given the enumerators: "Classify all cattle as beef cattle or as dairy cattle, according to the principal purpose for which they are kept." It is believed that under this rule the fully established dairy and beef breeds have been properly reported, with few errors, and that cattle of the dual-purpose breeds or of no definite breeding have been placed in one class or the other, according to the principal purpose for which they are kept.

In states where cattle are raised extensively for beef production the result of this new classification will be to reduce materially the proportion of cows classified as dairy cows, and even in states having few strictly beef cattle the 1920 classification may be expected to give a somewhat smaller proportion of dairy cows than the 1910 classification.

In North Dakota the number of "dairy cows," including heifers one year old and over, reported for

January 1, 1920, was 461,093, as compared with 259,173 "cows kept for milk" reported for April 15, 1910. This represents an increase of 201,920, or 77.9 per cent. The number of "beef cows" reported for January 1, 1920, was 296,135, as compared with 119,510 "cows not kept for milk" reported for April 15, 1910, representing an increase of 176,625, or 147.8 per cent. The percentage of increase shown for dairy cows would doubtless have been even larger, except for the change in classification mentioned above, and the percentage of increase shown for beef cows correspondingly smaller.

Farms reporting domestic animals: 1910.—Horses were reported by 69,945 farms in North Dakota in 1910, mules by 2,800 farms, cattle by 64,224, sheep by 3,671, and swine by 42,972. In comparing these figures with the 1920 figures given in the table below, due allowance should be made for the fact that the total number of farms in North Dakota increased from 74,360 in 1910 to 77,690 in 1920.

TABLE 23.—DOMESTIC ANIMALS ON FARMS: 1920.

CLASS.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	76,110	98.0	.....	\$153,361,490	.....
Horses, total.....	75,601	97.3	855,682	72,168,452	\$84.34
Colts under 1 year of age.....	34,723	44.7	69,260	1,970,717	28.59
Colts 1 year old and under 2 years.....	35,902	46.2	73,422	3,408,936	46.43
Mares 2 years old and over.....	73,739	93.6	361,070	34,443,234	95.39
Geldings 2 years old and over.....	73,498	93.8	347,151	30,779,129	88.66
Stallions 2 years old and over.....	3,388	5.0	4,789	1,657,436	325.21
Mules, total.....	3,173	4.1	7,873	780,508	99.14
Mule colts under 1 year of age.....	419	0.5	808	40,143	40.03
Mule colts 1 year old and under 2 years.....	356	0.5	601	50,353	72.87
Mules 2 years old and over.....	2,496	3.2	6,374	690,012	108.25
Asses and burros.....	102	0.1	142	34,146	240.46
Cattle, total.....	72,021	92.7	1,334,552	67,911,737	50.89
Beef cattle, total.....	42,783	55.1	674,529	33,667,119	49.91
Calves under 1 year of age.....	30,370	39.1	212,398	5,033,943	23.70
Heifers 1 year old and under 2 years.....	19,076	24.6	85,051	3,610,017	42.55
Cows and heifers 2 years old and over.....	21,223	27.3	211,084	15,106,162	71.56
Steers 1 year old and under 2 years.....	22,624	29.1	69,204	4,370,566	44.12
Steers 2 years old and over.....	9,109	11.7	50,669	3,514,910	69.37
Bulls 1 year old and over.....	13,604	17.5	16,123	2,010,521	125.07
Dairy cattle, total.....	54,077	70.4	660,023	34,244,618	51.88
Calves under 1 year of age.....	33,420	49.5	181,739	3,672,270	20.21
Heifers 1 year old and under 2 years.....	30,156	38.8	90,386	3,597,037	39.81
Cows and heifers 2 years old and over.....	53,745	69.2	370,707	25,508,598	68.81
Bulls 1 year old and over.....	15,700	20.2	17,191	1,405,813	85.27
Sheep, total.....	6,887	8.8	298,912	3,573,689	11.96
Lambs under 1 year of age.....	4,401	5.7	75,812	687,836	9.07
Ewes 1 year old and over.....	6,085	7.8	209,323	2,636,417	12.59
Rams 1 year old and over.....	3,366	4.3	6,955	178,929	25.73
Wethers 1 year old and over.....	780	0.9	6,822	70,507	10.34
Goats, total.....	410	0.5	1,250	7,972	6.38
Kids under 1 year of age, raised for fleeces.....	25	(1)	80	561	7.01
Goats 1 year old and over, raised for fleeces.....	64	0.1	149	1,230	8.26
All other goats.....	380	0.5	1,021	6,181	6.05
Swine, total.....	59,183	76.2	458,285	8,884,986	10.39
Pigs under 6 months old.....	20,387	26.2	133,870	1,429,446	10.68
Sows and gilts for breeding, 6 months old and over.....	34,130	43.9	126,760	3,368,504	26.57
Boars for breeding, 6 months old and over.....	9,410	12.1	11,614	395,427	34.05
All other hogs, 6 months old and over.....	30,660	39.5	186,021	3,601,600	19.85

¹ Less than one-tenth of 1 percent.

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TABLE 24.—POULTRY AND BEES ON FARMS: 1920 AND 1910.

ITEM.	FARMS REPORTING, 1920.		NUMBER REPORTED. ¹		Value, 1920	Ave- rage value, 1920
	Num- ber.	Per cent of all farms.	1920 (Jan. 1)	1910 (Apr. 15)		
Poultry, total.....	70,193	90.4	4,608,449	13,268,109	\$3,667,531	\$0.80
Chickens.....	69,722	89.7	4,323,587	8,095,026	3,118,012	0.72
Turkeys.....	23,597	30.4	139,179	61,621	379,204	2.72
Ducks.....	10,135	13.0	42,475	39,938	46,976	1.11
Geese.....	14,069	18.1	54,051	30,456	114,943	2.03
Guinea fowls.....	983	1.3	3,930	2,666	2,976	0.76
Pigeons.....	2,235	2.9	38,347	38,360	8,420	0.21
Hives of bees.....	75	0.1	708	495	5,614	7.93

¹ The numbers of the different classes of poultry are not strictly comparable for the two censuses, since a considerable number of fowls are killed between Jan. 1 and Apr. 15.

² Includes a small number of peafowls.

TABLE 25.—SELECTED CLASSES OF DOMESTIC ANIMALS ON FARMS: 1920 AND 1910.

CLASS.	NUMBER.		INCREASE. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	Number.	Per cent.
Horses:				
Total, excluding spring colts reported for 1910.....	855,082	625,934	229,698	36.7
Colts under 1 year old on Jan. 1 of census year.....	69,250	61,671	7,579	12.3
Horses 1 year old and over on Jan. 1 of census year.....	780,432	564,313	222,119	39.4
Mules:				
Total, excluding spring colts reported for 1910.....	7,873	7,585	288	3.8
Mule colts under 1 year old on Jan. 1 of census year.....	808	421	387	91.9
Mules 1 year old and over on Jan. 1 of census year.....	7,065	7,164	-9	-1.4
Cattle:				
Total, excluding spring calves reported for 1910.....	1,334,562	613,079	721,473	117.7
Calves under 1 year old on Jan. 1 of census year.....	394,187	175,709	218,368	124.2
Cows and heifers 1 year old and over on Jan. 1 of census year.....	757,228	378,083	378,545	100.0
Steers and bulls 1 year old and over on Jan. 1 of census year.....	183,187	53,627	124,500	212.5
Sheep:				
Total, excluding spring lambs reported for 1910.....	208,912	241,392	57,520	23.8

¹ A minus sign (—) denotes decrease.

TABLE 26.—DOMESTIC ANIMALS NOT ON FARMS: 1920 AND 1910.

CLASS.	INCLOSURES REPORTING.		ANIMALS.			
			Number.		Increase. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	1920 (Jan. 1)	1910 (Apr. 15)	Num- ber.	Per cent.
Total.....	8,961	9,734	.....	.....	.....	.....
Horses.....	5,109	7,133	10,040	22,214	-3,174	-14.3
Horses 1 year old and over on Jan. 1 of census year.....	.....	.....	18,378	21,413	-3,035	-14.2
Mules.....	187	116	433	716	-283	-39.5
Mules 1 year old and over on Jan. 1 of census year.....	.....	.....	409	708	-299	-42.2
Asses and burros.....	15	21	22	23	-1	.....
Cattle.....	6,584	6,238	16,471	12,429	4,042	32.5
Cattle 1 year old and over on Jan. 1 of census year.....	.....	.....	13,667	9,898	3,769	38.1
Sheep.....	90	28	2,104	1,188	976	82.2
Goats.....	18	40	36	133	-97	-72.9
Swine.....	1,879	602	5,835	2,461	3,374	137.1

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.

TABLE 27.—TOTAL NUMBER OF DOMESTIC ANIMALS: 1920.

CLASS.	Total.	On farms.	Not on farms.
Horses.....	874,722	855,682	19,040
Horses 2 years old and over.....	730,627	713,010	17,617
Mules.....	8,308	7,873	433
Mules 2 years old and over.....	6,755	6,374	381
Asses and burros.....	164	142	22
Cattle.....	1,351,023	1,334,552	16,471
Beef cattle.....	678,001	674,529	3,472
Dairy cattle.....	673,022	660,023	12,999
Dairy cows.....	380,795	370,707	10,088
Sheep.....	301,076	298,912	2,164
Goats.....	1,288	1,250	36
Swine.....	464,100	453,265	5,835

LIVE-STOCK PRODUCTS.

Farm value of live-stock products: 1919 and 1909.—The Thirteenth Census schedule called for the total value as well as the total quantity of all live-stock products, whether sold or consumed on the farm. The 1909 values are therefore based directly on the reported figures. But in the Fourteenth Census schedule the question as to the value in the case of dairy products, eggs, and chickens was restricted to the amounts sold. The 1919 value of butter made on farms has been computed on the basis of the average value received per pound for butter sold; the values of eggs produced and chickens raised have been computed in a similar way. The values of cheese made on farms and of honey and wax produced have been computed on the basis of average values per pound secured through the Bureau of Crop Estimates of the Department of Agriculture. The method of obtaining these average values was the same as that used for securing average values for the important crops, which is described in a later paragraph.

Dairy products.—It is difficult to secure reports of the total quantity of milk produced during a given year, especially from farmers who keep cows chiefly to supply milk and butter for family use. Since such farmers usually keep no records, they are able to make only rough estimates of the milk production and frequently underestimate the quantity of milk produced for home use. Many farmers, too, either because they are unwilling to make any estimates or for other reasons, fail to report their milk production, even though they report butter or other dairy products as well as dairy cows.

For several decades past the Bureau of the Census has made estimates for such incomplete reports, where the farmer reported "cows kept for milk" but failed to report the amount of milk produced, these estimates being based on the average production per cow as shown by the complete reports. Since farmers with first-class dairy herds and up-to-date methods are more likely to make complete reports than those with cows of a lower grade, the estimates obtained in this

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way have probably been somewhat above the actual production. With the new basis of classification for dairy cows in use for 1920, however, as already noted, the estimates should be more satisfactory than heretofore, since milk will be estimated only for cows kept mainly for milk production.

In the table which follows, both the actual reported quantity of milk produced and the estimated total are given. The latter includes, in addition to the milk reported, an estimate of the amount of milk produced on farms which reported dairy cows but failed to report any milk. A certain quantity of milk, on the other hand, was reported from farms which reported no dairy cows. This is included in the total and may represent either milk produced by beef cows milked a part of the year on farms having no dairy cows or milk produced on farms which kept dairy cows some time during the year 1919 but had none on January 1, 1920.

It may be safely assumed that the returns for butter and cheese made on farms and for milk, cream, butter fat, and butter sold are much more nearly complete than in the case of milk produced. Hence no estimates have been made for these items.

TABLE 28.—DAIRY COWS ON FARMS, 1920; AND DAIRY PRODUCTS, 1919 AND 1909.

ITEM.	FARMS REPORTING.		Number or quantity.	Unit.	Value.
	Number.	Per cent of all farms.			
Dairy cows on farms Jan. 1, 1920, total	53,745	69.2	370,707	Head.....	
On farms reporting milk produced	46,498	59.9	324,618	Head.....	
On farms not reporting milk produced	7,247	9.3	40,089	Head.....	
Average production of milk per dairy cow, 1919 ¹			309	Gals.....	
Specified dairy products:					
Milk, as reported 1919	124,365,039		Gals.....		
1909	70,637,899		Gals.....		
Increase, 1909-1919	53,727,140		Gals.....		
Per cent of increase	76.1				
Total production of milk, including estimates 1919	138,606,540		Gals.....		
Butter made 1919	14,117	74.8	14,418,180	Lbs....	\$6,996,643
1909	46,838	63.0	10,414,439	Lbs....	\$3,508,579
Cheese made 1919	692	0.9	50,095	Lbs....	\$22,031
1909	277	0.4	22,754	Lbs....	\$2,976
Milk sold 1919	1,879	2.4	3,047,096	Gals....	\$988,961
1909	1,103	1.5	1,044,150	Gals....	\$283,958
Cream sold 1919	17,812	22.9	3,098,421	Gals....	\$4,062,780
1909	3,315	4.5	834,103	Gals....	\$528,977
Butter fat sold 1919	29,820	38.4	14,607,548	Lbs....	\$7,495,928
1909	3,494	4.7	2,185,377	Lbs....	\$537,810
Butter sold 1919	15,800	24.2	2,898,998	Lbs....	\$1,393,808
1909	27,605	37.1	7,019,169	Lbs....	\$1,614,215
Value of milk, cream, and butter fat sold, and of butter and cheese made ³ , 1919			\$10,570,343		
Increase, 1909-1919			\$4,872,304		
Per cent of increase			\$14,704,039		
Receipts from sale of dairy products ⁴ 1919			301.8		
1909			\$13,956,477		
Increase, 1909-1919			\$2,376,298		
Per cent of increase			\$11,080,179		
			385.2		

¹ Based on the 1919 milk production as reported for dairy cows, and the number of dairy cows on hand Jan. 1, 1920.

² Includes considerable number of farms reporting small quantities of butter made as an incidental product from cows kept mainly for beef purposes.

³ This item represents the total farm value of dairy products, excluding milk and cream consumed as such on the farm where produced.

⁴ Figures for 1919 do not include "cheese sold," as that item was not reported for 1919. The value of cheese sold in 1909 was \$1,834.

TABLE 29.—SHEEP ON FARMS, 1920 AND 1910; GOATS ON FARMS, 1920; AND WOOL AND MOHAIR PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Number of sheep (or goats) on hand.	WOOL (OR MOHAIR) PRODUCED.		
			Number of animals shorn.	Weight (pounds).	Value.
Sheep on farms Jan. 1, 1920, total	6,867	208,912			
On farms reporting wool	4,365	218,550			
On farms not reporting wool	2,502	80,302			
Sheep of shearing age ¹ on farms Apr. 15, 1910	3,624	241,392			
Wool produced, as reported, total	4,470		174,376	1,383,550	\$600,284
On farms reporting sheep	4,365		167,680	1,335,898	\$607,623
On farms not reporting sheep	114		6,096	47,661	\$22,701
Total production of wool, including estimates				1,826,352	\$013,176
1919				1,070,830	\$381,722
1909				149,622	\$531,451
Increase, 1909-1910				8.9	130.2
Per cent of increase					
Goats raised for fleeces, on farms Jan. 1, 1920	70	220			
Mohair produced, as reported, total	58		177	710	\$375
1909	36			470	\$133

¹ Sheep born before Jan. 1, 1910.

TABLE 30.—CHICKENS (OR FOWLS) ON FARMS, 1920 AND 1910; AND POULTRY PRODUCTS, 1919 AND 1909.

[The products shown for 1919 include chicken eggs and chickens only, while the 1909 figures include the products of all kinds of poultry.]

ITEM.	FARMS REPORTING.		Number or quantity.	Value.
	Number.	Per cent of all farms.		
Chickens on farms Jan. 1, 1920, total	60,722	89.7		
On farms reporting eggs produced	64,221	82.7		
On farms reporting chickens raised	53,065	68.3		
Fowls on farms Apr. 15, 1910	61,632	82.7		
Eggs produced, as reported	64,802	88.4	10,734,104	\$6,711,390
Total production of eggs, including estimates			20,820,407	7,078,038
1919			17,294,322	3,045,087
Eggs sold, as reported	40,459	69.8	8,498,671	2,886,246
1909	32,322	43.5	6,404,074	1,142,043
Chickens raised, as reported	53,482	68.8		
Total chickens raised, including estimates			4,367,128	2,808,587
1919			5,324,187	3,407,448
1909			4,043,481	1,630,402
Chickens sold, as reported	17,331	22.3	846,410	552,426
1909	13,720	18.5	588,402	283,072

TABLE 31.—BEES ON FARMS, 1920 AND 1910; AND HONEY AND WAX PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Hives of bees.	PRODUCT.	
			Quantity (pounds).	Value.
Bees on farms Jan. 1, 1920, total	75	708		
On farms reporting honey	40	435		
On farms not reporting honey	26	273		
Bees on farms Apr. 15, 1910	70	495		
Honey produced	1919	51	12,814	\$3,588
1909	54	11,084	1,840	
Wax produced	1919	183	64	29
1909	92	92	29	

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CROPS.

Summary: 1919 and 1909.—This section summarizes the census data relative to all of the farm crops of 1919 and 1909, including the percentage of increase for the decade in acreage, production, and value.

In comparing one year with another it should be borne in mind that the acreage of crops (or the number

of fruit trees) and the number of farms reporting are on the whole a better index of the general changes or tendencies in agriculture than either the quantity or the value of the crops, since variations in quantity may be due mainly to favorable or unfavorable seasons, and variations in the value of the crops may result largely from changes in prices between one census year and the next.

TABLE 32.—SUMMARY FOR ALL CROPS: 1919 AND 1909.

CROP.	F FARMS REPORTING.				ACRES HARVESTED.			PRODUCTION.						
	Number.		Per cent of all farms.		1919	1909	Per cent of increase. ¹	Quantity.			Value.			
	1919	1900	1919	1909				Unit.	1919	1909	Per cent of increase. ¹	1919	1909	
All crops.					19,422,463	15,888,280	22.2					\$301,782,935	\$180,311,555	67.4
With acreage reports.												295,936,991	180,201,654	64.2
With no acreage reports.												5,845,944	109,901	.....
Cereals, total.					14,929,808	11,887,141	25.6	Bu.	124,646,484	217,246,973	-42.6	215,764,634	149,133,451	44.7
Corn.	10,408	15,025	13.4	20.2	191,428	185,122	3.4	Bu.	3,876,883	4,941,152	-21.5	5,427,688	2,403,303	125.8
Oats.	51,160	56,903	65.0	76.5	2,073,162	2,147,032	-3.4	Bu.	30,294,074	55,880,702	-45.0	24,255,260	24,114,349	0.5
Wheat, total.	67,724	59,365	87.2	79.8	9,098,042	8,188,752	11.1	Bu.	61,540,404	116,781,886	-47.3	147,090,970	109,129,869	36.3
Winter.	435	874	0.6	1.2	28,613	93,078	-69.3	Bu.	180,300	1,294,743	-87.0	355,200	1,234,720	68.8
Spring.	60,444	89.4	0.099,429	8,095,704	12.0	Bu.	61,379,904	115,487,143	-46.9	147,311,770	107,895,149	36.5		
Emmer and spelt.	2,703	6,428	3.5	8.6	49,662	101,144	-50.9	Bu.	513,865	2,564,732	-80.0	822,183	1,102,782	-25.4
Barley.	32,837	33,167	42.3	44.6	1,085,329	1,215,811	-10.7	Bu.	12,053,881	26,365,755	-54.3	13,880,815	11,902,036	15.9
Rye.	35,041	1,403	45.1	2.0	2,422,563	48,188	.....	Bu.	16,204,377	689,233	.....	23,620,848	411,728	.....
Buckwheat.	41	74	0.1	0.1	1,286	1,039	23.8	Bu.	7,368	17,066	-56.8	14,736	9,135	61.3
Kafir and milo.	14	8	(8)	(8)	434	23	.....	Bu.	1,152	444	150.5	1,612	263	537.2
Mixed crops ⁴ .	235	.....	0.3	.....	7,900	.....	.....	Bu.	65,480	78,674	.....	.....	.....	.....
Other grains and seeds with acreage reports, total ⁵ .					650,886	1,069,019	-39.1	Bu.	2,978,387	10,256,561	-71.0	13,256,789	15,509,897	-14.5
Dry edible beans.	270	394	0.3	0.6	743	544	38.6	Bu.	4,840	5,073	-4.2	28,758	12,882	100.3
Soy beans.	16	.....	(8)	.....	37	.....	.....	Bu.	110	.....	.....	498	.....	.....
Dry peas.	18	103	(8)	0.1	144	399	-69.9	Bu.	1,088	6,643	-80.4	4,027	8,368	-61.9
Flaxseed.	19,185	30,632	24.7	41.2	649,049	1,008,049	-39.1	Bu.	2,972,082	10,246,684	-71.0	13,225,765	15,488,016	-14.6
Seeds with no acreage reports, total ⁶.					.....	.....	.....	Bu.	350,640	74,162	372.8	2,326,420	100,099	.....
Red clover seed.	71	.....	0.1	.....	.....	.....	.....	Bu.	1,705	807	.....	47,740	6,878	.....
Other clover and alfalfa seed.	636	.....	0.8	.....	.....	.....	.....	Bu.	55,086	.....	.....	1,361,050	.....	.....
Timothy seed.	745	437	1.0	0.6	.....	.....	.....	Bu.	47,355	30,020	57.7	260,924	47,985	402.5
Other grass seed.	383	96	0.5	0.1	.....	.....	.....	Bu.	81,039	13,932	481.7	324,156	17,077	.....
Millet seed.	953	244	1.2	0.3	.....	.....	.....	Bu.	166,475	240,403	466.2	332,050	27,084	.....
Hay and forage, total ⁷ .	67,005	55,602	86.2	74.9	4,035,803	2,884,244	.....	Tons.	3,765,377	3,010,682	.....	50,555,024	12,369,030	.....
All tame or cultivated grasses.					643,764	381,047	42.5	Tons.	606,491	408,226	29.5	10,441,037	2,401,098	334.9
Timothy alone.	7,000	6,930	0.8	9.3	188,553	183,086	3.2	Tons.	172,757	107,947	-12.7	2,764,112	1,046,470	164.1
Timothy and clover mixed.	793	972	1.0	1.3	20,634	34,068	-39.4	Tons.	20,957	39,724	-47.2	314,355	202,325	55.4
Clover alone.	726	116	0.9	0.2	10,791	1,172	820.7	Tons.	12,789	1,380	822.7	198,244	7,765	.....
Alfalfa.	4,821	467	6.2	0.6	55,856	3,033	.....	Tons.	76,348	5,638	.....	1,808,352	36,050	.....
Other tame grasses ⁸ .	16,699	21.5	60.2	55.6	284,430	159,688	65.6	Tons.	324,640	223,681	45.2	5,350,674	1,108,486	388.2
Wild, salt, or prairie grasses.	46,751	48,805	60.2	55.6	2,482,461	2,303,694	3.7	Tons.	1,913,303	2,372,018	-19.4	29,656,200	2,213,801	221.9
Small grains cut for hay.	20,347	2,916	{ 26.2	3.9	{ 647,888	45,628	.....	Tons.	287,290	61,507	506.4	5,616,717	292,030	.....
Annual legumes cut for hay.	1,112	2,916	{ 1.4	.....	{ 25,210	.....	.....	Tons.	29,567	.....	.....	361,072	.....	.....
Silage crops.	2,031	.....	2.6	.....	48,843	.....	.....	Tons.	200,624	.....	.....	1,905,949	.....	.....
Corn cut for forage ⁹ .	10,503	.....	21.2	.....	278,455	43,255	.....	Tons.	616,970	108,046	.....	8,369,608	459,313	.....
Kafir, sorghum, etc., for forage.	385	.....	0.5	.....	5,693	.....	.....	Tons.	14,041	.....	.....	189,565	.....	.....
Root crops for forage.	62	.....	0.1	.....	289	20	.....	Tons.	1,091	185	489.7	15,274	1,830	734.6
Vegetables, total ¹⁰.					.....	.....	.....	Bu.	4,717,556	5,551,430	-15.0	13,725,227	3,148,304	336.0
Potatoes (Irish or white).	54,221	51,388	69.8	69.1	82,561	54,037	52.7	Bu.	.....	.....	.....	10,142,747	2,079,125	337.8
Other vegetables ¹⁰ .	1,976	32,783	2.5	44.0	904	13,333	.....	Bu.	.....	.....	.....	116,857	1,069,125	.....
Farm garden ¹¹ .	51,914	.....	66.8	.....	.....	.....	.....	Bu.	.....	.....	.....	3,465,623	.....	.....
Miscellaneous crops, total.					.....	374	27	Lbs.	396,266	.....	.....	59,961	1,431	.....
Hemp.	22	.....	(8)	.....	.....	373	1	Lbs.	59,440	.....	.....	521	1,431	-63.6
Sundry minor crops ¹².	.....	.....	.....	.....	.....	1	27	.....	.....	.....	.....	.....	.....	.....
Fruits, total.					.....	.....	.....	Qts.	170,771	286,096	-40.2	94,880	49,343	92.3
Small fruits.	3,162	.....	4.1	.....	524	399	31.3	Qts.	170,771	286,096	-40.2	40,979	39,641	3.4
Other fruits.	.....	.....	.....	.....	.....	.....	.....	Qts.	53,001	.....	.....	9,702	4,556	.....

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100 or when per cent is more than 1,000.

² Excluding 278,455 acres reported for corn cut for forage. This exclusion is made uniformly for all states, by reason of the fact that in the country as a whole, practically the entire acreage in corn cut for forage is duplicated in the acreage of corn harvested for grain.

³ Less than one-tenth of 1 per cent.

⁴ Principally oats and barley grown and harvested together.

⁵ Includes small quantities of broom-corn seed (1919 and 1909) and peanuts (1909).

⁶ The total value for 1909 includes the value of a small quantity of flower and vegetable seeds. The entire acreage from which the grass and clover seeds were secured is believed to be included in the acreage given elsewhere for hay and forage.

⁷ Corn cut for forage was not reported to any extent in 1909; hence no fair comparison between 1919 and 1909 can be made, either for the hay and forage totals or for the bracketed group in which corn cut for forage appears.

⁸ Includes millet and Hungarian grass.

⁹ The total value for 1909 includes the value of a small quantity of sweet potatoes and yams.

¹⁰ The 1919 figures represent vegetables raised for sale only.

¹¹ In 1909 the value of the farm garden was largely included in the value of "other vegetables."

¹² These crops comprise tobacco (1919 and 1909), maple sugar and syrup (value only), broom corn, and sorghum (1909).

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The combined acreage of crops harvested in North Dakota in 1919 for which the acreage was reported was 19,422,463, which represents 79.1 per cent of the total improved land in farms (24,563,178 acres). The total crop acreage reported for 1909 was 15,888,280, or 77.7 per cent of the improved land in farms (20,455,092 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage of which was not reported.

In addition to the crops regularly harvested in 1919, as shown in the tables, there were reported 30,729 acres of mature crops grazed or "hogged off."

Farm value of crops.—At the census of 1920 the farm schedule called for the value of all farm property, including live stock, and the value of live-stock products sold.

In the case of farm crops, however, wherever a unit value could be used, such as the value per bushel or per ton, the farmer was asked to report the acreage and production of each crop but not the value. To supplement the information obtained from the farmers, the Bureau of Crop Estimates of the United States Department of Agriculture secured by special schedule from its crop reporters average values for such crops. These special schedules were tabulated by the Bureau of the Census, and the resulting averages, approved by the Bureau of Crop Estimates as representing a fair average of the farm value per unit, were used in computing most of the crop values presented in the accompanying tables.

TABLE 33.—ACREAGE OF IMPORTANT CROPS: 1879 TO 1919.

CROP.	1919	1909	1899	1889	1879
Corn.....	191,428	185,122	62,373	11,954	898
Oats.....	2,073,162	2,147,032	780,517	402,855	18,311
Wheat.....	9,098,042	8,188,752	4,451,251	2,709,421	84,854
Barley.....	1,055,320	1,215,811	287,092	109,400	2,338
Rye.....	2,422,563	48,188	27,995	1,508	.....
Flaxseed.....	649,949	1,068,049	773,999	43,724	.....
Hay and forage.....	24,035,803	2,804,244	1,410,534	553,720	22,946
Potatoes.....	82,561	54,067	21,936	18,262	.....

¹ No data prior to 1879. North Dakota admitted as a state in 1889. Figures for 1879 obtained by consolidating data for counties which then occupied the area now known as North Dakota.

² Includes 278,455 acres in corn cut for forage. This crop was not included to any extent in the hay and forage totals prior to 1919.

TABLE 34.—PERCENTAGES AND AVERAGES FOR IMPORTANT CROPS: 1919 AND 1909.

CROP.	PERCENT OF IMPROVED LAND OCCUPIED.		AVERAGE YIELD PER ACRE.				AVERAGE VALUE PER ACRE.	
	1919	1909	Unit.	1919	1909	1919	1909	1919
Corn.....	0.8	0.9	Bu.	20.3	26.7	\$28.35	\$12.98	
Oats.....	8.4	10.5	Bu.	14.6	30.7	11.69	11.23	
Wheat.....	37.0	40.0	Bu.	6.8	14.3	16.23	13.33	
Barley.....	4.4	5.9	Bu.	11.1	21.7	12.77	9.84	
Rye.....	9.9	0.2	Bu.	6.7	14.3	9.75	8.54	
Flaxseed.....	2.6	5.2	Bu.	4.6	9.6	20.35	14.50	
Hay and forage.....	16.4	14.0	Tons.	0.93	1.05	14.01	4.32	
Potatoes.....	0.3	0.3	Bu...	57.1	102.7	122.85	38.45	

For some products it was not possible to find any satisfactory unit on which to base a computation of the total value. Values were therefore obtained on the 1920 census schedule for vegetables, other than potatoes and sweet potatoes, and for the farm garden.

TABLE 35.—VEGETABLES RAISED FOR SALE: 1919.

[Vegetables other than potatoes and sweet potatoes.]

CROP.	FARMS REPORTING.		Acres harvested.	Value of product.
	Number.	Per cent of all farms.		
Total.....	1,976	2.5	964	\$116,857
Beans (green).....	169	0.2	46	3,505
Cabbages.....	242	0.3	73	11,217
Celeri.....	74	0.1	15	4,718
Corn (sweet).....	177	0.2	116	8,207
Cucumbers.....	496	0.6	82	10,230
Lettuce.....	66	0.1	15	1,031
Onions.....	309	0.4	51	15,028
Peas (green).....	115	0.1	32	3,302
Tomatoes.....	258	0.3	39	8,976
Watermelons.....	170	0.2	74	3,346
All other vegetables.....	329	0.4	22	4,088
Mixed vegetables.....	329	0.4	309	38,989

TABLE 36.—SMALL FRUITS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres harvested.	PRODUCTION.	
	Number.	Per cent of all farms.		Quantity (quarts).	Value.
Total.....	1919..	3,162	4.1	524	\$40,979
	1909..	3,162	.....	389	39,641
Strawberries.....	1919..	837	1.1	93	10,375
	1909..	833	1.2	88	10,445
Raspberries.....	1919..	763	1.0	101	38,943
Loganberries.....	1919..	6	(1)	230	64
Raspberries and loganberries.....	1909..	923	1.2	85	60,742
Blackberries and dewberries.....	1919..	96	0.1	11	2,485
	1909..	75	0.1	2	3,404
Cranberries.....	1919..	41	0.1	(2)	200
	1909..	29	(1)	(2)	1,120
Currents.....	1919..	1,758	2.8	215	55,184
	1909..	2,378	3.2	138	97,598
Other berries.....	1919..	946	1.2	104	25,567
	1909..	1,857	2.5	80	56,804
					4,857
					7,332

¹ Less than one-tenth of 1 per cent.

² Less than 1 acre.

TABLE 37.—FRUIT TREES AND GRAPEVINES NOT OF BEARING AGE: 1920 AND 1910.

FRUIT.	FARMS REPORTING.				TREES OR VINES NOT OF BEARING AGE.	
	Number.		Per cent of all farms.			
	1920	1910	1920	1910		
Orchard fruits, total ¹	2,847	.....	3.7	.....	49,090
Apples.....	1,926	3,906	2.5	5.3	19,694	
Peaches.....	6	54	(3)	0.1	32	
Pears.....	11	61	(3)	0.1	148	
Plums and prunes.....	1,419	2,320	1.8	3.1	19,852	
Cherries.....	1,081	1,837	1.4	2.5	9,364	
Grapes.....	42	98	0.1	0.1	463	
					1,464	

¹ The 1910 figures include apricots, quinces, and mulberries. These fruits were not called for by the 1920 schedule.

² Less than one-tenth of 1 per cent.

TABLE 38.—ORCHARD FRUITS AND GRAPES: 1919 AND 1909.

FRUIT.	F FARMS REPORTING TREES OR VINES OF BEARING AGE.				NUMBER OF TREES OR VINES OF BEARING AGE.		PRODUCTION.				
	Number.		Per cent of all farms.				Quantity.		Value.		
	1920	1910	1920	1910	1920	1910	Unit.	1919	1909	1919	1909
Orchard fruits, total ¹	3,884	.....	5.0	.....	88,812	40,296	Bu....	21,940	5,685	\$53,882	\$9,688
Apples.....	2,643	1,248	3.4	1.7	26,157	15,941	Bu....	14,358	4,374	35,907	7,270
Peaches.....	5	14	(3)	(2)	38	90	Bu....	3	35	9	71
Pears.....	22	5	(3)	(2)	438	24	Bu....	83	8	210	15
Plums and prunes.....	2,282	737	2.9	1.0	41,254	10,147	Bu....	5,680	1,048	11,320	1,896
Cherries.....	1,379	410	1.8	0.6	15,877	5,076	Bu....	1,830	209	6,480	446
Grapes.....	19	20	(2)	(2)	152	379	Lbs...	217	360	19	14

¹The figures for 1910 and 1909 include apricots and quinces. These fruits were not called for by the 1920 schedule.²Less than one-tenth of 1 per cent.

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Age of farmers.—A farmer or farm operator, as defined for census purposes, is a person who operates a farm. The number of farm operators, for which the age distribution is shown in the following table, is therefore the same as the number of farms.

TABLE 39.—FARM OPERATORS CLASSIFIED ACCORDING TO AGE AND TENURE: 1920 AND 1910.

AGE.	TOTAL.		OWNERS.		MAN-AGERS.		TENANTS.	
	1920	1910	1920	1910	1920	1910	1920	1910
All farmers, total...	77,690	74,360	56,917	63,212	855	484	19,918	10,664
Reporting age...	76,923	74,240	56,354	63,125	845	477	19,724	10,638
Under 25 years...	3,668	4,455	1,244	2,950	130	67	2,204	1,438
25 to 34 years...	20,176	23,924	11,166	19,388	323	180	8,087	4,356
35 to 44 years...	23,129	20,751	17,941	17,914	197	137	4,984	2,700
45 to 54 years...	17,201	15,210	14,680	13,741	138	60	2,514	1,409
55 to 64 years...	9,468	7,488	8,429	6,847	47	28	992	613
65 years and over...	3,198	2,412	2,035	2,285	10	5	253	122
Not reporting age...	787	120	603	87	10	7	194	26

Farmers classified by number of years on farm.—In the following table the farmers of the state are classified according to the number of years they had been on the farms which they were operating when the census was taken. The purpose of this classification is to show the relative stability of the different classes.

In 1920 the date of enumeration (January 1) came just before the period during which changes from one farm to another are commonly made in most localities, and hence at a time when many farmers had almost, but not quite, completed one, two, or more years on their farms. Considerable numbers of these farmers reported one, two, or more full years, in place of reporting the correct number of months (or years and months). In 1910, however, the enumeration date (April 15) was late enough so that, in localities where the common moving time was in the early part of the year, the number of years of occupancy was accurately reported. These differences seriously affect the comparability of the returns, especially for the first two years of occupancy. Hence these two years, which were tabulated separately and are so published in Volume V of the Fourteenth Census Reports, have been combined in the following table.

TABLE 40.—FARM OPERATORS CLASSIFIED ACCORDING TO NUMBER OF YEARS ON FARM, BY TENURE: 1920 AND 1910.

NUMBER OF YEARS ON FARM.	TOTAL.		OWNERS.		MAN-AGERS.		TENANTS.	
	1920	1910	1920	1910	1920	1910	1920	1910
All farmers, total...	77,690	74,360	56,917	63,212	855	484	19,918	10,664
Rptg. years on farm...	76,112	64,548	56,102	54,223	783	423	19,227	9,900
Less than 2 years...	14,140	13,474	5,438	8,122	445	219	8,257	5,133
2 to 4 years...	18,366	21,126	9,727	17,441	182	116	6,457	5,569
5 to 9 years...	13,447	15,549	10,320	14,580	76	57	3,042	912
10 years and over...	32,159	14,397	30,608	14,080	80	31	1,471	286
Not reporting...	1,578	9,814	815	8,989	72	61	601	764

Cooperative marketing and purchasing.—Cooperative marketing of farm products or cooperative purchasing of supplies through farmers' organizations in 1919 was reported by 19,814 farms in North Dakota, including 10,203 farms which reported both sales and purchases,

7,235 farms which reported sales only, and 2,376 farms which reported purchases only.

TABLE 41.—COOPERATIVE MARKETING AND PURCHASING THROUGH FARMERS' ORGANIZATIONS: 1919.

ITEM.	FARMS REPORTING.		AMOUNT.	
	Number.	Per cent of all farms.	Total.	Average per farm.
Marketing or purchasing.....	19,814	25.5		
Marketing.....	17,438	22.4	\$24,484,558	\$1,404
Purchasing.....	12,579	16.2	8,840,811	305

Farm facilities—Motor vehicles, telephones, water, and light on farms.—The following table indicates the extent to which the farmers of North Dakota used motor vehicles and telephones, and the extent to which the farm homes were supplied with water and modern lighting facilities.

TABLE 42.—MOTOR VEHICLES, TELEPHONES, WATER, AND LIGHT ON FARMS: 1920.

ITEM.	FARMS REPORTING.		Number reported.	Number per 1,000 of all farms.
	Number.	Per cent of all farms.		
Automobiles.....	44,010	50.6	47,711	612
Motor trucks.....	743	1.0	774	10
Tractors.....	11,834	15.2	13,006	167
Telephones.....	36,349	46.8	.....	.....
Water piped into house.....	4,884	6.0	.....	.....
Gas or electric light.....	4,518	5.8	.....	.....

Pure-bred live stock on farms.—The inquiry relating to pure-bred live stock called for registered animals only, but it seems evident, from a study of the returns, that some animals merely eligible for registry (but not actually registered) were included in the reports.

The number of farms in North Dakota in 1920 was 77,690, of which number 76,110 reported domestic animals of some kind and 13,535 reported pure-bred live stock.

TABLE 43.—PURE-BRED LIVE STOCK CLASSIFIED ACCORDING TO BREED: 1920.

NOTE.—Pure-bred horses reported in North Dakota represented 0.7 per cent of all horses on farms (see Table 23); pure-bred cattle, 2.5 per cent of the total; pure-bred sheep, 1.7 per cent; and pure-bred swine, 4.8 per cent.

BREED.	Number.	BREED.	Number.
Horses, total.....	5,636	Sheep, total.....	4,980
Belgian.....	468	Hampshire Down.....	427
Clydesdale.....	307	Lincoln.....	106
French Draft.....	98	Oxford.....	428
German Coach.....	34	Rambouillet.....	160
Percheron.....	4,254	Shropshire.....	3,583
Shire.....	172	All other breeds ¹	284
All other breeds ¹	303	Swine, total.....	22,076
Cattle, total.....	33,821	Berkshire.....	710
Beef breeds, total.....	29,024	Chester White.....	3,810
Aberdeen Angus.....	3,124	Duroc-Jersey.....	10,152
Galloway.....	183	Hampshire.....	388
Hereford.....	7,089	Poland China.....	6,164
Polled Durham.....	1,359	Spotted Poland China.....	13
Shorthorn.....	14,723	Yorkshire.....	408
All other beef breeds ¹	2,548	All other breeds ¹	351
Dairy breeds, total.....	4,797		
Ayrshire.....	226		
Brown Swiss.....	23		
Guernsey.....	346		
Holstein-Friesian.....	2,937		
Jersey.....	481		
All other dairy breeds ¹	784		

¹ Includes animals reported as pure bred, with breed not specified.

Calves, pigs, and lambs raised on farms.—The figures presented include young animals born in 1919, which were retained on the farm, sold to others, or slaughtered for food, but do not include young animals purchased or those that died.

TABLE 44.—CALVES, PIGS, AND LAMBS RAISED ON FARMS: 1919.

ITEM.	FARMS REPORTING.		ANIMALS RAISED.	
	Number.	Per cent of all farms.	Number.	Average per farm.
Calves.....	64,086	83.3	422,883	6.5
Pigs.....	43,425	55.9	620,998	14.3
Lambs.....	4,089	5.3	99,460	24.3

Domestic animals sold or slaughtered on farms.—The number of cattle, swine, and sheep slaughtered on farms was reported for both 1919 and 1909, but the farm schedule for 1919 carried no inquiry with regard to the value of the animals slaughtered, or with regard to the number or value of the animals sold by farmers. The total value of domestic animals sold or slaughtered on farms in North Dakota in 1919 has been estimated, however, at \$34,900,000, as compared with \$14,456,748, the value reported for 1909.

TABLE 45.—DOMESTIC ANIMALS SLAUGHTERED ON FARMS: 1919 AND 1909.

ITEM AND CENSUS YEAR.	FARMS REPORTING.		ANIMALS SLAUGHTERED.		Meat and meat products sold (pounds).
	Number.	Per cent of all farms.	Number.	Average per farm.	
Cattle and calves.....	29,660	38.2	44,426	1.5	3,141,414
1909.....			45,989		
Cattle.....	19,714	26.5	31,570	1.6	
1909.....	7,992	10.7	14,419	1.8	
Calves.....					
Swine.....	58,206	74.9	216,637	3.7	3,320,483
1909.....	37,893	51.0	136,227	3.6	
Sheep and lambs.....	2,801	3.0	7,423	3.2	54,287
1909.....	927	1.2	4,342	4.7	

Sales of selected crops.—The sales of the crops listed represent that part of the year's production which was sold, or to be sold, by those farmers who produced the crops.

TABLE 46.—PRODUCTION AND SALES OF SELECTED CROPS: 1919 AND 1909.

CROP AND CENSUS YEAR.	Farms reporting production.	FARMS REPORTING SALES.		Production.	QUANTITY SOLD (OR TO BE SOLD).	
		Number.	Per cent of farms reporting production.		Amount.	Per cent of production.
Corn.....	10,408	680	6.1	Bushels.	Bushels.	
1909.....	15,025	760	5.1	3,876,883	212,797	5.5
Oats.....	51,160	4,116	8.0	4,941,152	140,769	2.8
1909.....	56,003	10,096	17.7	30,294,074	2,289,202	7.6
Barley.....	32,837	7,055	21.5	65,886,702	6,135,574	9.3
1909.....	33,167	11,234	33.9	12,052,881	2,968,270	24.6
Hay.....				26,365,758	8,552,914	32.4
				Tons.	Tons.	
				2,029,651	158,008	5.4
				2,902,351	63,332	2.2
Potatoes.....	54,221	5,997	11.1	Bushels.	Bushels.	
Apples.....	1919.....	212	4,717,556	1,993,741	42.3
				14,358	2,654	18.5

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Fruit products of farms.—The figures relate only to fruit products obtained from fruit grown on those farms reporting the products.

TABLE 47.—FRUIT PRODUCTS (FARM PRODUCTION): 1919 AND 1909.

ITEM.	1919	1909	Farms reporting.	Production.
Cider.....	Gallons.
1919.....	
1909.....	
Cider made (or to be made) into vinegar.....	
1919.....	
Vinegar made on farms ¹	2	.....	44
Grape juice.....	
1919.....	
Wine and grape juice.....	11	.....	128
Dried fruits.....	2	.....	Pounds.
1919.....	2	.....
1909.....	2	.....	106

¹ Includes vinegar other than that made from cider.

Forest products of farms.—Forest products, as defined on the farm schedule, include firewood, fence posts, crossties, pulp wood, saw logs, poles, etc., and standing timber sold and cut during the years indicated. The figures cover only forest products of farms and do not represent by any means the total value of all forest products cut in the state during the census years.

TABLE 48.—FOREST PRODUCTS OF FARMS: 1919 AND 1909.

ITEM.	1919	1909
Forest products of farms:		
Farms reporting.....	1,916	2,803
Per cent of all farms.....	2.5	3.8
Value.....	\$206,317	\$235,386
Average per farm reporting.....	\$108	\$84
Forest products sold from farms (or cut and held for sale):		
Farms reporting.....	439	
Values.....	\$54,057	\$74,557
Average per farm reporting.....	\$123	
Forest products used on farms (or cut and held for use):		
Farms reporting.....	1,869	
Value.....	\$152,260	\$160,829
Average per farm reporting.....	\$81	

Nurseries and greenhouses.—The data presented for nurseries include the returns from all farms and establishments reporting receipts from the sale of nursery stock, and those for greenhouses include the returns from all farms and establishments reporting receipts from the sale of greenhouse products (whether grown in hothouses or in cold frames).

TABLE 49.—NURSERIES AND GREENHOUSES: 1919 AND 1909.

ITEM.	1919	1909
Nurseries:		
Number of nurseries (farms and establishments) reporting.....	16	49
Acreage used for growing nursery stock.....	388	472
Receipts from sale of products.....	\$30,088	\$30,997
Average receipts per nursery.....	\$1,881	\$633
Average receipts per acre.....	\$77.55	\$65.07
Greenhouses:		
Number of farms and establishments reporting.....	18	16
Square feet under glass.....	179,212	70,670
Receipts from sale of products.....	\$156,617	\$47,221
Flowers and flowering plants.....	\$141,700	
Vegetables and vegetable plants.....	\$12,911	
Average receipts per farm or establishment.....	\$8,701	\$2,951

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COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920,

		THE STATE.	Adams. ¹	Barnes.	Benson.	Billings. ²	Bottineau.	Bowman. ³	Burke. ³	Burleigh.
ALL FARMS.										
1	Number of farms, 1920.....	77,690	897	2,039	1,707	603	2,203	788	1,461	1,375
2	1910.....	74,380	1,344	1,751	1,545	1,708	2,304	942	1,568	1,416
3	1900.....	45,332		1,665	1,286	163	1,968			505
4	All farmers classified by sex, 1920:									
5	Male.....	76,016	872	1,906	1,678	574	2,164	771	1,437	1,340
5	Female.....	1,674	25	43	29	29	39	17	24	35
6	Color and nativity of all farmers, 1920:									
6	Native white.....	40,899	563	1,178	863	270	1,122	487	773	833
7	Foreign-born white.....	36,248	333	861	761	324	1,079	301	688	511
8	Negro and other nonwhite.....	543	1		83		2			1
9	All farms classified by size, 1920:									
10	Under 3 acres.....	30				3				2
11	3 to 9 acres.....	121	1	3	1		3	5	4	2
12	10 to 19 acres.....	163	1	7	5		2		4	1
13	20 to 49 acres.....	605	4	2	23	2	13	2	7	1
14	50 to 99 acres.....	917	7	20	53	12	18	5	19	10
15	100 to 174 acres.....	11,490	136	254	186	113	308	101	249	181
16	175 to 259 acres.....	5,589	45	161	182	27	179	27	96	66
17	260 to 499 acres.....	36,489	335	1,024	778	233	1,087	201	760	576
18	500 to 999 acres.....	18,442	292	455	413	120	525	256	282	391
18	1,000 acres and over.....	3,944	76	83	66	93	68	101	47	139
LAND AND FARM AREA.										
19	Approximate land area, 1920.....	44,917,120	638,080	966,400	872,960	747,520	1,075,840	744,960	712,320	1,050,640
20	Land in farms, 1920.....	38,214,751	480,608	904,445	749,585	477,144	930,149	493,060	506,249	759,392
21	1910.....	28,426,650	311,550	906,846	675,007	498,350	965,246	223,301	564,416	495,709
22	1900.....	15,542,640		740,553	374,939	88,156	440,702			204,749
23	Improved land in farms, 1920.....	24,563,178	210,778	774,314	604,642	104,542	794,700	175,474	426,974	445,650
24	1910.....	20,455,092	166,473	790,931	545,350	218,062	852,608	137,572	390,255	251,038
25	1900.....	9,044,520		529,320	224,127	22,498	194,211			81,745
26	Woodland in farms, 1920.....	679,830	2,840	11,745	7,983	4,191	36,745	3,982	1,471	7,503
27	Other unimproved land in farms, 1920.....	10,971,737	266,990	118,386	127,900	368,411	107,655	317,513	167,804	306,239
28	Per cent of land area in farms, 1920.....	80.6	75.3	93.6	84.8	63.8	87.3	66.7	83.7	71.9
29	Per cent of farm land improved, 1920.....	67.8	43.9	85.6	81.6	21.9	84.6	35.3	71.6	58.7
30	Average acreage per farm, 1920.....	468.1	535.8	443.6	438.9	791.3	426.3	630.7	408.1	552.3
31	Average improved acreage per farm, 1920.....	313.2	235.0	379.8	354.2	173.4	360.7	222.7	292.2	324.1
VALUE OF FARM PROPERTY.										
32	All farm property, 1920.....	1,759,742,996	14,059,955	68,250,844	36,110,653	8,225,225	42,350,847	11,089,319	22,547,314	27,228,027
33	1910.....	974,814,205	7,921,462	39,091,204	22,817,978	13,303,300	35,383,453	5,573,280	18,540,798	13,416,773
34	1900.....	255,266,751		12,593,217	5,808,239	1,440,320	4,971,378			1,778,783
35	Land in farms, 1920.....	1,279,313,027	9,620,819	61,675,278	25,174,383	5,572,309	29,774,373	7,567,338	15,192,034	19,126,334
36	1910.....	730,380,131	6,101,349	30,095,083	16,889,772	8,556,593	20,600,005	4,177,871	9,008,260	9,337,594
37	1900.....	173,382,270		9,125,050	3,908,780	202,600	3,291,670			830,180
38	Farm buildings, 1920.....	209,207,868	1,502,637	7,981,736	5,015,467	714,970	6,083,880	1,098,965	3,095,726	2,980,475
39	1910.....	92,276,613	456,209	4,102,240	2,547,230	811,300	3,560,605	323,236	1,310,240	1,345,430
40	1900.....	25,428,430		1,227,770	617,300	117,490	420,750			170,730
41	Implements and machinery, 1920.....	114,188,865	943,676	3,666,348	2,606,638	480,245	2,745,702	764,918	1,827,073	1,827,350
42	1910.....	43,907,595	364,759	1,567,581	1,095,574	651,032	1,671,600	326,841	1,723,802	650,520
43	1900.....	14,056,560		670,650	425,950	41,940	358,040			84,370
44	Livestock on farms, 1920.....	157,034,035	1,983,853	4,926,982	3,151,165	1,457,701	7,795,832	1,058,008	2,431,581	2,393,868
45	1910.....	108,249,866	999,085	3,326,295	2,305,402	3,288,415	3,551,234	745,332	1,004,496	2,083,229
46	1900.....	42,430,401		1,669,747	911,200	1,078,290	900,018			693,503
47	Average values, 1920:									
47	All property per farm.....	22,651	15,674	33,472	21,154	13,641	19,227	14,073	15,433	19,802
48	Land and buildings per farm.....	19,180	12,411	29,258	17,686	10,427	19,257	10,048	12,518	16,078
49	Land alone per acre.....	35.33	20.04	57.13	33.99	11.68	31.70	15.23	25.48	25.19
FARMS OPERATED BY OWNERS.										
50	Number of farms, 1920.....	58,917	748	1,240	1,123	536	1,455	680	1,111	1,048
51	1910.....	63,212	1,208	1,170	1,242	1,639	1,901	920	1,387	1,291
52	1900.....	49,972		1,330	1,193	140	1,107			507
53	Per cent of all farms, 1920.....	73.3	83.4	60.8	65.8	88.9	80.0	87.4	76.0	76.2
54	Land in farms, 1920.....	26,850,085	407,769	551,927	489,081	423,297	601,876	442,087	474,327	582,074
55	Improved land in farms, 1920.....	17,457,329	179,798	471,655	393,579	90,345	502,391	154,023	332,393	334,951
56	Value of land and buildings, 1920.....	1,040,855,450	0,338,336	36,675,481	19,703,890	5,655,250	23,055,597	7,559,813	14,457,975	18,882,381
57	Degree of ownership, 1920:									
57	Farmers owning entire farm.....	34,051	310	902	699	343	985	260	580	420
58	Farmers hiring additional land.....	23,866	438	338	424	193	470	429	522	628
59	Color and nativity of owners, 1920:									
59	Native white owners.....	27,489	457	637	496	234	644	410	542	598
60	Foreign-born white owners.....	28,059	291	603	556	302	810	279	569	449
61	Negro and other nonwhite owners.....	469			71		1			1
FARMS OPERATED BY MANAGERS.										
62	Number of farms, 1920.....	855	7	36	26	4	18	10	12	13
63	1910.....	484	2	32	8	5	4		5	2
64	1900.....	495		10	8	20	1			6
65	Land in farms, 1920.....	811,467	6,860	25,843	17,390	9,420	14,248	10,213	6,348	19,180
66	Improved land in farms, 1920.....	482,856	2,480	20,916	12,510	735	9,520	2,457	4,031	12,113
67	Value of land and buildings, 1920.....	35,105,503	328,000	1,038,325	659,075	68,160	503,436	203,480	172,200	560,450
FARMS OPERATED BY TENANTS.										
68	Number of farms, 1920.....	19,018	142	763	558	63	730	89	388	314
69	1910.....	10,664	44	549	295	64	399	22	176	123
70	1900.....	3,865		125	60	3	55			52
71	Per cent of all farms, 1920.....	25.6	15.8	37.4	32.7	10.4	33.1	11.3	23.1	22.8
72	Land in farms, 1920.....	8,553,199	65,979	326,675	284,164	44,497	323,025	44,600	115,574	158,138
73	Improved land in farms, 1920.....	6,022,994	28,500	281,743	198,553	13,102	232,798	18,994	90,550	98,586
74	Value of land and buildings, 1920.....	412,557,542	1,406,120	21,293,208	9,738,885	556,360	12,255,220	903,010	3,658,485	4,663,978
75	Form of tenancy, 1920:									
75	Share tenants.....	16,943	94	727	485	39	657	60	276	244
76	Share-cash tenants.....	891	11	6	11	4	9	5	9	22
77	Cash tenants.....	1,175	25	30	33	15	14	17	40	48
78	Unspecified.....	909	12		29	5	50	7	13	
79	Color and nativity of tenants, 1920:									
79	Native white tenants.....	12,783	101	512	351	42	465	71	224	226
80	Foreign-born white tenants.....	7,063	40	251	195	21	264	18	114	88
81	Negro and other nonwhite tenants.....	72	1		12		1			

¹ Adams County organized from part of Stark County in 1907.² Parts of Billings County taken to form part of McKenzie County in 1905, Bowman County in 1907, Golden Valley County in 1912, and Slope County in 1915.³ Burke County organized from part of Ward County in 1910.

AGRICULTURE—NORTH DAKOTA.

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WITH SELECTED ITEMS FOR 1910 AND 1900.

Cass.	Cavalier.	Dickey.	Divide. ⁴	Dunn. ⁵	Eddy.	Emmons.	Foster.	Golden Valley. ²	Grand Forks.	Grant. ⁶	Griggs.	Hettinger. ⁷	Kidder.
2,374	2,014	1,289	1,642	1,461	708	1,449	711	777	2,007	1,502	963	1,131	1,206
2,046	1,944	1,089	961	1,401	646	1,490	631	-----	1,900	808	808	1,326	1,241
2,300	2,280	933	-----	577	820	564	-----	2,368	767	-----	-----	204	3
2,340	1,971	1,251	1,613	1,426	694	1,424	696	759	1,954	1,462	948	1,111	1,186
34	43	18	20	35	14	25	15	18	53	40	15	20	20
1,457	918	733	795	648	401	630	480	625	1,197	640	516	567	687
914	1,090	536	847	748	303	819	231	152	810	802	447	564	519
3	6	-----	65	4	-----	-----	-----	-----	-----	-----	-----	-----	8
1	-----	2	1	4	1	4	-----	1	-----	-----	2	-----	1
3	3	1	6	5	9	5	11	2	5	1	4	1	10
7	3	6	5	9	12	9	2	3	14	3	5	3	11
29	13	8	10	19	12	9	4	32	12	5	7	5	12
43	16	6	10	19	12	9	2	12	5	7	7	5	13
352	250	147	264	238	57	100	61	170	328	282	98	207	145
209	161	78	97	98	45	87	18	41	167	96	50	72	76
1,118	1,088	574	639	637	318	504	382	328	1,012	506	520	496	501
537	469	346	300	284	209	515	201	147	392	418	250	271	356
75	61	101	26	122	61	129	40	81	55	124	24	73	114
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	18
1,128,320	956,160	730,880	812,800	1,833,760	416,640	1,000,320	412,160	648,320	917,120	1,075,840	468,880	724,480	887,040
1,000,011	855,703	650,965	648,407	773,603	370,332	837,636	362,342	544,672	819,400	803,306	427,025	530,245	657,008
1,013,647	824,860	594,630	257,213	423,027	320,702	642,618	334,537	-----	823,000	406,144	357,892	341,153	21
1,080,650	595,260	470,810	-----	235,517	286,542	246,952	-----	861,872	327,947	-----	-----	128,731	22
944,230	762,975	510,998	445,483	314,842	286,030	487,208	310,224	236,986	719,576	354,080	336,038	321,901	396,543
901,315	716,813	413,631	152,380	130,577	245,883	389,016	207,715	-----	728,195	-----	321,846	172,761	204,424
97,951	322,399	249,915	-----	148,641	103,482	165,147	-----	749,587	-----	219,100	-----	48,632	25
18,380	37,200	17,220	1,348	4,722	19,123	11,247	990	17,526	23,838	38,556	4,180	8,041	13,987
37,373	85,528	122,747	201,596	454,089	65,170	339,181	51,128	290,160	75,086	412,721	86,857	200,303	246,528
88.6	92.6	89.1	79.8	58.0	88.9	83.7	87.0	84.0	89.3	74.7	93.1	73.2	74.1
94.4	86.1	78.5	68.7	40.7	77.2	58.2	85.6	48.5	87.8	44.1	78.7	60.7	60.4
421.2	439.8	513.0	394.9	529.5	523.1	578.1	500.6	701.0	408.3	534.9	443.4	468.3	644.8
397.7	378.8	402.7	271.3	215.5	404.0	336.2	436.3	305.0	358.5	235.7	348.9	284.6	328.8
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	31
97,476,880	54,648,787	42,725,198	25,117,517	22,237,057	19,378,416	34,614,970	24,050,978	13,248,115	65,497,820	20,686,078	29,478,286	18,093,530	21,763,605
53,803,411	31,427,698	25,025,164	5,647,007	10,013,616	10,660,705	18,222,332	12,655,021	-----	38,251,053	10,243,061	16,482,784	8,723,128	33
29,259,230	8,637,757	4,170,813	-----	2,871,983	3,273,100	3,885,992	-----	19,099,244	-----	4,875,899	-----	1,333,613	34
75,624,224	40,537,602	32,598,710	17,220,363	14,503,310	14,008,707	25,606,178	17,895,502	9,361,980	40,284,765	13,806,350	21,299,250	12,748,680	15,490,667
41,735,003	23,736,320	19,890,688	3,913,688	7,051,081	8,080,595	15,524,740	9,754,813	-----	29,118,138	12,227,715	7,658,651	6,190,222	36
22,551,710	5,882,090	2,542,380	-----	1,985,780	986,900	2,889,330	-----	14,983,410	3,440,010	-----	637,190	37	
10,577,870	6,355,784	4,341,655	3,239,867	2,063,907	2,385,565	3,347,350	2,870,940	1,560,816	7,801,400	2,616,853	3,052,196	2,256,281	2,240,930
5,537,590	3,062,240	1,826,300	430,452	596,140	1,014,925	1,385,870	1,204,880	292,000	234,700	2,141,980	1,824,300	694,732	705,190
2,882,160	807,900	442,680	-----	-----	-----	-----	-----	-----	-----	444,350	-----	136,530	40
5,214,657	4,002,070	2,319,909	2,050,252	1,550,096	1,287,515	2,087,137	1,352,207	910,311	3,988,327	1,570,340	1,036,601	1,242,899	1,367,231
2,020,342	1,483,295	1,008,476	307,793	448,806	468,342	721,805	551,750	-----	1,776,511	-----	733,254	542,475	41
1,309,070	635,050	212,920	-----	-----	182,540	121,420	249,270	-----	872,400	-----	311,870	61,590	43
6,080,079	3,773,331	3,405,018	2,807,035	3,510,744	1,726,629	3,674,305	1,932,239	1,415,008	4,383,328	2,662,535	2,200,143	1,845,670	2,055,777
4,510,570	3,145,843	2,300,702	935,074	1,917,580	1,096,843	2,683,922	1,143,578	302,302	1,030,080	2,001,454	1,097,615	1,347,203	1,464,702
2,566,290	1,312,717	978,833	-----	-----	-----	-----	-----	-----	-----	670,029	-----	598,303	46
41,060	27,134	33,668	15,207	15,220	27,371	23,889	33,827	17,050	32,635	13,772	30,611	15,998	47
86,311	23,274	29,110	12,461	11,750	23,113	19,932	29,207	14,058	28,403	10,934	26,222	13,287	48
75,62	45,77	50,08	26,56	18,75	37,83	30,57	49,39	17,19	60,20	17,19	40,88	24,04	23,58
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	49
1,370	1,419	808	1,404	1,270	459	1,128	441	666	1,160	1,202	501	917	981
1,376	1,558	792	936	1,443	510	1,366	389	-----	1,388	-----	565	1,281	1,108
1,886	2,115	736	-----	526	769	520	-----	1,959	708	-----	214	52	52
57.7	70.5	63.7	85.5	86.9	64.8	77.8	62.0	85.7	57.8	84.0	61.4	81.1	78.7
550,386	629,637	435,289	557,504	648,211	232,245	666,851	232,121	381,168	457,222	677,418	280,846	443,031	544,049
517,708	537,289	341,445	377,476	270,258	177,791	387,285	196,142	201,602	397,234	300,376	199,410	264,274	327,222
48,566,559	33,561,129	24,569,658	17,552,710	14,927,357	10,343,340	23,142,438	13,392,127	9,076,834	31,430,555	13,877,318	15,492,762	12,562,056	14,773,666
1,000	987	419	811	847	239	530	274	445	826	688	422	535	337
370	432	389	593	423	220	598	167	221	334	574	332	624	58
734	583	427	661	557	240	469	272	524	501	519	201	442	523
635	834	381	743	658	215	659	169	142	589	743	800	475	438
1	2	-----	55	4	-----	-----	-----	-----	-----	-----	-----	-----	61
61	12	11	9	6	12	11	9	13	39	7	13	1	7
44	15	7	5	7	8	14	9	34	-----	4	4	2	63
57	9	5	-----	-----	12	9	9	23	-----	5	5	7	64
48,105	5,887	13,485	8,442	38,394	13,035	9,970	5,540	103,986	22,258	12,791	6,576	180	0,540
45,882	5,052	10,729	2,960	1,501	7,883	5,811	6,423	18,732	1,216	5,596	126	5,975	68
5,033,850	298,500	796,600	129,850	279,600	497,260	270,200	297,400	447,830	1,029,255	225,210	401,740	5,000	167,660
943	583	450	229	185	237	310	261	98	808	233	359	213	238
626	371	290	25	18	129	116	228	-----	473	239	41	70	69
306	106	192	40	40	42	35	36	386	-----	54	43	43	70
40.7	28.9	35.5	13.9	12.7	33.5	21.4	36.7	12.6	40.3	15.5	37.3	18.8	68
401,520	250,199	202,191	87,461	88,998	125,002	160,815	124,681	59,518	339,920	113,167	159,008	87,084	105,519
380,071	220,634	158,824	65,028	37,083	100,556	94,012	108,932	29,001	303,610	52,488	131,032	57,502	63,346
32,601,685	13,013,757	11,574,016	2,777,670	1,960,260	5,523,082	5,540,890	7,076,915	1,399,132	24,066,355	2,320,675	9,356,960	2,437,905	2,795,041
802	520	332	191	133	222	209	243	88</					

AGRICULTURE—NORTH DAKOTA.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920,

		La Moure.	Logan.	McHenry.	McIntosh.	McKenzie. ¹	McLean. ²	Mercer. ³	Morton. ⁴	Mountain. ⁵
ALL FARMS.										
1	Number of farms, 1920.....	1,503	1,002	2,097	1,025	2,033	2,473	1,084	1,910	2,000
2	1910.....	1,302	1,017	2,329	933	1,406	2,379	860	3,984	1,830
3	1900.....	906	253	1,104	744	.....	763	295	1,040	.....
4	All farmers classified by sex, 1920:									
5	Male.....	1,480	990	2,047	1,002	1,976	2,427	1,051	1,841	1,981
6	Female.....	23	12	50	23	57	46	33	69	30
7	Color and nativity of all farmers, 1920:									
8	Native white.....	832	206	1,044	302	1,238	1,228	338	738	1,054
9	Foreign-born white.....	671	736	1,052	603	792	1,183	717	1,171	944
10	Negro and other nonwhite.....	.....	1	.....	3	62	29	1	1	2
11	All farms classified by size, 1920:									
12	Under 3 acres.....	.....	1	.....	3	.....	6	1	3	1
13	3 to 9 acres.....	7	2	2	1	5	2	10	4	.....
14	10 to 19 acres.....	2	2	11	4	11	18	10	5	9
15	20 to 49 acres.....	2	23	6	46	25	24	22	22	23
16	50 to 99 acres.....	5	6	23	6	46	25	24	22	23
17	100 to 174 acres.....	182	72	286	47	369	886	102	205	440
18	175 to 259 acres.....	96	44	159	48	153	167	61	112	144
19	260 to 499 acres.....	831	452	1,044	419	817	1,145	456	724	893
20	500 to 999 acres.....	333	378	478	406	442	613	279	635	422
21	1,000 acres and over.....	45	47	91	94	196	114	76	199	68
LAND AND FARM AREA.										
22	Approximate land area, 1920.....	734,080	638,080	1,208,320	641,920	1,822,080	1,475,200	710,400	1,240,080	1,224,960
23	Land in farms, 1920.....	666,122	550,906	921,953	577,075	1,231,370	1,112,811	540,359	1,083,198	826,026
24	1910.....	624,345	403,872	876,033	407,280	277,857	837,250	286,775	1,326,450	507,008
25	1900.....	347,861	97,518	264,960	275,983	.....	177,589	120,104	403,467	.....
26	Improved land in farms, 1920.....	561,154	322,400	728,187	321,288	363,760	745,023	262,028	452,752	414,813
27	1910.....	500,431	168,475	715,852	220,951	95,295	580,606	172,094	569,063	228,986
28	1900.....	213,055	31,271	92,908	142,728	.....	65,264	37,789	124,300	.....
29	Woodland in farms, 1920.....	5,626	7,287	22,305	23,081	16,818	7,998	26,454	8,718	8,521
30	Other unimproved land in farms, 1920.....	99,342	221,159	171,461	233,306	850,702	359,789	251,877	620,728	402,602
31	Per cent of land area in farms, 1920.....	90.7	86.3	76.3	90.0	67.6	75.4	76.1	87.3	67.4
32	Per cent of farm land improved, 1920.....	84.2	58.5	79.0	55.6	29.5	66.9	48.5	41.6	50.2
33	Average acreage per farm, 1920.....	443.2	549.8	439.7	553.6	605.7	450.0	498.5	569.7	413.0
34	Average improved acreage per farm, 1920.....	373.4	321.8	347.3	313.5	178.9	301.3	241.7	237.0	207.4
VALUE OF FARM PROPERTY.										
35	All farm property, 1920.....	43,351,444	19,784,319	34,702,334	22,470,283	24,085,247	39,877,259	18,090,166	30,794,087	23,974,803
36	1910.....	20,790,396	9,993,823	27,993,958	11,775,792	6,351,118	20,523,134	7,398,696	30,971,490	0,853,659
37	1900.....	4,963,375	1,027,554	3,158,297	2,317,024	.....	2,363,444	1,192,665	3,477,676	.....
38	Land in farms, 1920.....	32,207,686	14,713,525	23,781,816	16,896,419	15,010,504	28,162,993	12,921,746	21,874,893	15,860,622
39	1910.....	20,848,381	7,363,420	20,760,807	8,818,665	3,722,757	16,020,757	5,401,124	22,077,080	7,223,715
40	1900.....	3,128,130	368,700	1,871,520	1,254,810	1,201,230	354,280	1,242,870	.....	.....
41	Farm buildings, 1920.....	5,225,319	1,925,620	4,773,681	1,096,510	2,320,500	4,502,859	1,928,425	3,345,050	2,894,218
42	1910.....	2,352,515	727,025	2,586,245	960,110	448,573	1,718,747	563,294	2,783,684	734,145
43	1900.....	589,050	72,440	266,190	270,840	.....	182,320	111,030	405,600	.....
44	Implements and machinery, 1920.....	2,505,756	1,220,990	2,440,936	1,553,696	1,741,425	3,192,304	1,218,935	2,226,528	2,082,426
45	1910.....	1,161,464	457,500	1,304,004	448,630	408,886	1,081,341	361,373	1,499,559	548,757
46	1900.....	410,930	41,760	180,050	182,790	143,130	41,520	192,230	.....	.....
47	Live stock on farms, 1920.....	3,922,633	1,924,184	3,790,401	2,023,658	5,006,758	3,950,103	2,020,660	3,347,011	3,137,537
48	1910.....	2,428,036	1,445,278	3,282,842	1,553,387	1,770,902	2,702,239	1,772,905	4,631,187	1,347,042
49	1900.....	836,265	544,654	836,937	609,384	836,764	655,835	1,036,976	.....	.....
50	Average values, 1920:									
51	All property per farm.....	28,843	19,745	16,591	21,922	11,847	16,125	16,088	16,123	11,987
52	Land and buildings per farm.....	24,906	16,606	13,617	18,432	8,528	13,233	13,700	13,204	9,377
53	Land alone per acre.....	48.35	26.71	25.79	29.25	12.19	25.31	23.91	20.10	19.20
FARMS OPERATED BY OWNERS.										
54	Number of farms, 1920.....	946	787	1,537	794	1,864	2,041	944	1,576	1,701
55	1910.....	1,007	964	2,045	877	1,378	2,222	836	3,873	1,580
56	1900.....	861	246	1,007	717	.....	741	290	981	.....
57	Per cent of all farms, 1920.....	62.9	78.5	73.3	77.5	91.7	82.5	87.1	82.5	89.6
58	Land in farms, 1920.....	437,197	454,031	683,432	470,508	1,157,462	937,953	481,709	907,953	739,652
59	Improved land in farms, 1920.....	365,285	283,174	536,371	258,085	335,028	692,483	232,636	377,244	371,161
60	Value of land and buildings, 1920.....	24,248,257	13,366,040	21,108,358	15,140,781	10,160,154	27,473,217	13,319,256	20,912,369	10,870,885
61	Degree of ownership, 1920:									
62	Farmers owning entire farm.....	628	362	855	412	1,148	985	622	1,003	868
63	Farmers hiring additional land.....	318	425	682	382	716	1,056	322	573	923
64	Color and nativity of owners, 1920:									
65	Native white owners.....	475	195	707	241	1,119	976	261	585	922
66	Foreign-born white owners.....	471	592	829	553	744	1,007	655	990	867
67	Negro and other nonwhite owners.....	.....	1	.....	1	58	28	1	1	2
FARMS OPERATED BY MANAGERS.										
68	Number of farms, 1920.....	6	25	3	8	10	3	12	5	5
69	1910.....	6	6	1	1	6	4	5	8	8
70	1900.....	5	6	2	2	9	1	10	.....	.....
71	Land in farms, 1920.....	3,822	12,682	1,630	15,231	6,740	7,610	14,340	1,640	909
72	Improved land in farms, 1920.....	3,250	8,944	925	1,355	5,510	1,120	2,941	2,941	32,500
73	Value of land and buildings, 1920.....	273,160	399,520	49,450	162,400	206,640	110,000	312,940	312,940	32,500
FARMS OPERATED BY TENANTS.										
74	Number of farms, 1920.....	551	215	535	228	161	422	137	322	204
75	1910.....	239	53	278	56	27	151	24	100	233
76	1900.....	40	2	31	25	.....	13	4	49	.....
77	Per cent of all farms, 1920.....	36.7	21.5	25.5	22.2	7.9	17.1	12.6	16.9	10.2
78	Land in farms, 1920.....	225,103	90,275	225,839	105,477	58,677	168,118	51,040	165,005	84,734
79	Improved land in farms, 1920.....	192,619	59,280	182,372	62,278	27,377	117,060	28,072	72,567	42,778
80	Value of land and buildings, 1920.....	12,011,588	3,273,105	7,047,119	3,702,698	1,014,510	4,985,995	1,421,915	3,995,839	1,851,455
81	Form of tenancy, 1920:									
82	Share tenants.....	509	159	472	146	123	344	89	247	172
83	Share-cash tenants.....	16	27	5	47	7	7	18	26	8
84	Cash tenants.....	26	6	24	27	12	36	18	36	22
85	Unspecified.....	.....	23	34	8	19	35	14	13	2
86	Color and nativity of tenants, 1920:									
87	Native white tenants.....	352	71	322	119	112	244	75	145	129
88	Foreign-born white tenants.....	109	144	213	109	48	174	61	177	75
89	Negro and other nonwhite tenants.....	.....	.....	.....	1	4	1	1	1	1

¹ McKenzie County organized from parts of Billings and Stark Counties in 1905.² Part of McLean County taken to form Sheridan County in 1909.³ Part of Mercer County taken to form part of Dunn County in 1908.⁴ Parts of Morton County taken to form Sioux County (comprising Standing Rock Indian Reservation) in 1914, and Grant County in 1916.

AGRICULTURE—NORTH DAKOTA.

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WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Nelson.	Oliver.	Pembina.	Pierce.	Ramsoy.	Ransom.	Renville. ⁶	Richland.	Rolette.	Sargent.	Sheridan. ²	Sioux. ⁴	Slope. ⁷	Stark. ⁸	
1,237	766	1,795	1,184	1,401	1,343	1,174	2,298	1,267	1,821	1,118	472	778	1,301	
1,180	840	1,517	1,275	1,315	1,181	1,348	2,101	1,320	1,191	1,207	.....	.....	1,456
1,216	107	2,106	1,039	1,551	928	.....	2,256	1,003	924	.....	.....	.....	846
1,206	756	1,757	1,162	1,363	1,316	1,161	2,242	1,225	1,239	1,100	463	753	1,272	
31	10	38	22	38	27	13	56	42	22	18	9	25	29	
643	387	778	472	726	877	755	1,440	618	881	337	248	538	388	
594	379	1,017	710	675	466	418	857	507	453	781	109	239	913	
.....	.....	2	.....	.....	1	1	142	7	.....	115	1	1	8
1	1	1	1	1	2	2	.....	.....	7	5	.....	.....	1
1	.....	9	1	2	8	2	.....	3	1	2	1	.....	2
2	2	6	1	5	16	8	.....	31	5	5	3	.....	11
9	9	46	10	8	30	5	42	57	11	8	3	3	12	
97	129	391	100	98	282	152	420	269	244	155	54	147	170	
91	39	180	87	77	134	84	273	92	144	84	17	37	47	
645	326	811	556	703	644	646	1,184	510	688	500	174	312	588	
335	216	269	367	415	207	239	323	280	205	305	137	187	392	
57	45	36	54	93	19	37	23	42	25	52	81	80	88	
627,840	460,800	714,880	675,200	771,200	550,400	575,360	910,680	587,520	547,200	637,440	712,960	782,720	887,840	
600,405	376,721	640,390	573,420	715,903	474,077	497,810	823,295	498,443	494,179	509,775	837,982	487,070	864,949	
574,124	282,791	600,803	554,810	687,415	456,253	498,281	753,973	441,477	484,900	418,418	.....	.....	540,511
433,738	62,081	655,324	269,299	530,495	393,383	.....	719,052	257,094	350,770	.....	.....	.....	523,624
471,275	185,177	567,404	482,846	627,766	405,315	418,938	738,962	348,320	430,768	328,763	123,047	218,953	355,383	
477,464	91,378	521,960	445,034	575,705	380,865	428,733	682,824	313,573	381,138	306,759	.....	240,529	24
254,434	21,573	547,040	126,600	314,512	234,461	.....	577,016	127,777	208,645	.....	.....	137,515	25
5,798	4,269	51,811	2,750	4,972	14,385	3,252	15,625	53,411	2,906	1,227	3,996	1,256	1,047	
123,392	187,275	21,175	87,824	83,105	54,377	75,320	70,808	96,712	60,515	179,785	210,339	267,761	308,519	
95.6	81.8	80.6	84.9	92.8	86.1	86.5	90.2	84.8	90.3	80.0	47.4	62.3	76.6	
78.5	49.2	88.6	84.2	87.7	85.5	84.2	88.9	60.0	87.2	64.5	36.6	44.9	53.4	
485.4	491.8	356.8	484.3	511.0	363.0	424.0	360.9	393.4	374.1	456.0	716.1	627.2	511.1	
381.0	241.7	316.1	407.8	448.1	301.8	356.8	320.7	274.9	326.1	294.1	282.0	281.4	273.2	
37,223,242	12,319,867	47,996,525	22,212,161	41,780,574	40,240,879	23,224,035	75,180,279	21,281,932	45,381,496	17,903,100	7,770,261	12,304,774	20,223,920	
21,541,555	6,365,617	24,424,087	18,052,621	26,070,490	20,215,889	14,229,870	35,127,179	21,726,834	21,473,120	13,104,617	.....	.....	14,690,846
5,355,262	534,960	15,442,236	3,103,540	7,060,411	6,007,970	.....	15,713,488	2,602,563	4,428,299	.....	.....	4,754,588	34
26,771,359	8,499,274	35,834,990	16,013,927	30,390,518	30,324,970	10,746,523	57,761,531	14,773,578	33,820,890	12,755,671	5,323,053	8,491,438	14,035,597	
16,389,030	4,423,261	17,945,478	14,513,513	18,689,999	15,680,500	10,573,235	26,052,189	9,901,870	16,556,114	9,983,680	.....	.....	10,538,415
3,995,290	174,630	11,337,840	1,930,060	5,258,190	3,733,820	11,399,940	1,642,940	2,830,480	1,401,440	.....	.....	.....	37
4,900,295	1,430,356	5,511,394	2,806,319	5,502,265	4,818,506	2,981,040	8,027,779	3,068,692	5,174,910	2,066,472	558,988	1,366,305	2,742,023	
2,384,400	665,065	2,809,255	1,599,815	2,749,285	2,000,553	1,299,200	4,409,855	1,412,285	2,042,842	944,075	1,189,150	.....	38
370,760	43,480	1,631,750	258,310	784,340	634,520	.....	1,825,770	282,620	462,810	.....	.....	289,900	40
2,755,088	916,003	3,241,442	1,421,222	2,812,695	2,175,175	1,699,698	3,925,335	1,552,021	3,040,824	1,129,762	416,019	865,113	1,360,064	
1,008,288	266,715	1,150,845	793,258	1,148,116	780,596	771,621	1,341,756	731,266	787,420	576,686	.....	785,096	42
367,320	24,750	814,840	267,490	498,920	312,290	.....	772,320	237,570	235,730	180,470	.....	180,470	43
2,795,900	1,474,234	3,408,699	1,970,093	3,075,096	2,922,228	1,798,774	4,874,634	1,887,641	3,444,872	2,041,195	1,478,201	1,041,918	2,096,242	
2,059,837	930,576	2,509,509	2,046,035	2,592,129	1,354,171	1,585,754	3,323,399	1,681,413	2,086,742	1,601,196	.....	2,137,185	45
915,902	292,100	1,057,606	647,680	1,118,961	1,027,340	1,715,458	579,433	893,270	579,433	.....	2,882,728	46	2,882,728
30,092	16,083	26,739	18,700	29,822	29,983	19,782	32,719	16,797	34,354	16,094	16,475	15,893	15,545	
25,004	12,903	23,034	15,895	25,619	26,168	16,804	28,890	14,082	29,620	13,258	12,462	12,871	12,800	
44.58	22.56	55.96	27.93	42.45	63.97	69.65	63.97	68.44	68.44	25.02	15.75	17.40	21.11	
750	599	1,295	752	858	920	864	942	884	920	890	385	682	50	
877	819	1,182	1,097	930	890	1,160	1,522	1,149	886	1,091	.....	1,410	51
1,131	185	1,683	1,010	1,428	800	1,953	949	811	.....	704	.....	704	52
63.1	78.2	72.1	61.2	61.2	73.6	60.1	74.3	66.9	70.7	61.6	87.7	86.1	53	
371,861	305,082	466,305	375,828	429,199	328,096	372,394	492,949	384,315	327,921	377,690	268,364	415,827	571,912	
288,300	146,028	408,819	317,913	378,081	278,568	310,791	439,386	243,663	288,041	241,907	88,250	193,675	306,764	
18,922,449	7,979,785	30,357,656	12,299,629	21,609,074	24,285,486	14,939,263	40,704,937	12,362,130	26,255,800	10,427,688	4,019,791	8,540,093	14,430,728	56
575	337	953	416	585	604	482	850	638	565	374	238	370	57	
205	262	337	336	273	316	382	532	304	310	416	147	312	357	
343	295	495	264	883	561	521	751	416	538	191	186	474	318	
437	304	800	488	475	359	343	631	407	340	599	89	207	807	
.....	.....	.....	.....	.....	.....	119	6	110	110	1	1	1	61
23	5	51	14	27	24	4	32	8	12	11	9	6	12	
22	2	21	4	24	3	1	24	7	8	4	.....	4	63
8	5	23	7	23	19	25	23	17	11	11	.....	46	64
25,080	4,179	24,915	7,100	24,545	12,672	2,620	13,377	3,445	10,408	8,180	8,866	16,998	12,908	
20,048	2,115	23,861	5,423	22,102	8,945	2,370	12,572	2,945	6,255	5,471	6,631	4,198	6,115	
1,198,520	89,600	1,701,800	209,655	1,289,104	1,040,010	78,800	1,149,595	131,000	635,880	312,250	85,000	323,140	351,500	
434	162	449	418	516	399	306	884	317	425	317	78	90	160	
281	19	314	174	361	288	187	555	173	297	112	.....	42	69
77	7	400	22	100	109	.....	280	37	102	.....	.....	6	70
35.1	21.1	25.0	35.3	36.8	29.7	26.1	38.5	25.0	32.2	28.4	16.5	11.6	13.0	
203,524	67,460	149,170	190,432	262,159	133,309	122,896	322,969	130,683	155,855	123,025	65,752	55,145	80,069	
162,027	36,434	134,724	159,510	227,583	117,802	105,777	285,004	101,512	136,462	81,385	28,766	21,080	42,514	
11,550,055	1,800,245	9,288,928	6,310,952	12,094,605	9,817,980	4,703,600	24,534,778	5,349,140	12,104,120	4,082,205	1,777,250	994,610	1,995,392	74
409	129	391	376	475	301	257	583	288	360	200	21	71	135	
282	87	249	198	323	297	231	666	197	312	140	55	58	68	
152	75	200	218	193	102	74	217	97	112	177</				

AGRICULTURE—NORTH DAKOTA.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920, WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

		Steele.	Stutsman.	Towner.	Tralll.	Walsh.	Ward. ¹	Wells.	Williams. ²	Indian reservations.
ALL FARMS.										
1	Number of farms, 1920.....	987	2,487	1,081	1,263	2,303	2,643	1,620	2,437	.....
2	1910.....	888	2,147	1,044	1,150	2,179	2,811	1,438	2,602	.....
3	1900.....	871	1,165	1,207	1,296	2,638	1,670	1,444	122	1,293
4	All farmers classified by sex, 1920:									.....
5	Male.....	967	2,455	1,068	1,224	2,226	2,584	1,594	2,381	.....
6	Female.....	20	32	13	39	77	59	26	56	.....
7	Color and nativity of all farmers, 1920:									.....
8	Native white.....	565	1,532	658	717	1,218	1,543	821	1,287	.....
9	Foreign-born white.....	422	955	423	546	1,087	1,100	799	1,130	.....
10	Negro and other nonwhite.....								11	.....
11	All farms classified by size, 1920:									.....
12	Under 8 acres.....		1	1	9	1	3	1	1	.....
13	3 to 9 acres.....		5	1	15	11	1	6	8	.....
14	10 to 19 acres.....	3	4	1	16	20	25	10	24	.....
15	20 to 49 acres.....	4	15	1	27	24	32	14	27	.....
16	50 to 99 acres.....	8	17	4						.....
17	100 to 174 acres.....	120	316	50	211	522	521	165	473	.....
18	175 to 259 acres.....	54	115	33	116	287	218	110	208	.....
19	260 to 499 acres.....	510	1,187	536	617	1,127	1,327	858	1,145	.....
20	500 to 999 acres.....	261	686	367	214	288	457	394	472	.....
21	1,000 acres and over.....	18	141	88	33	20	59	72	79	.....
LAND AND FARM AREA.										
22	Approximate land area, 1920.....	458,880	1,460,480	663,680	553,600	820,480	1,314,560	827,520	1,368,320	.....
23	Land in farms, 1920:									.....
24	1910.....	432,116	1,200,738	612,235	517,311	771,777	1,022,806	748,144	987,569	.....
25	1900.....	432,914	894,474	555,207	528,720	758,074	916,281	681,351	786,983	.....
26	Improved land in farms, 1920:									.....
27	1910.....	380,261	516,248	348,099	553,597	771,914	330,847	470,004	32,603	148,081
28	1900.....									.....
29	Woodland in farms, 1920.....	380,954	836,901	514,461	466,032	652,113	744,772	622,385	508,372	.....
30	Other unimproved land in farms, 1920.....	379,200	681,424	470,403	509,800	653,547	652,328	576,235	305,292	.....
31	Woodland in farms, 1910.....	320,337	205,941	220,900	515,087	615,279	71,200	291,201	15,036	37,917
32	Other unimproved land in farms, 1910.....	320,337	12,141	4,814	13,116	36,380	8,478	3,121	8,775	.....
33	Other unimproved land in farms, 1900.....	320,337	351,096	62,900	38,163	82,784	269,566	122,638	470,422	.....
34	Per cent of land area in farms, 1920.....	94.2	82.2	92.2	93.4	94.1	77.8	90.4	72.2	.....
35	Per cent of farm land improved, 1920.....	88.2	90.7	84.0	90.1	84.5	72.8	83.2	51.5	.....
36	Average acreage per farm, 1920.....	437.8	482.8	506.4	409.6	335.1	387.0	461.8	405.2	.....
37	Average improved acreage per farm, 1920.....	380.0	386.5	475.9	369.0	283.2	281.8	384.2	208.6	.....
VALUE OF FARM PROPERTY.										
38	All farm property, 1920.....	34,462,903	61,471,005	35,832,946	46,457,967	64,520,172	42,986,504	42,288,535	30,360,069	.....
39	1910.....	20,759,421	30,016,938	20,631,073	28,886,708	32,111,313	26,308,329	26,303,403	16,690,496	.....
40	1900.....	8,272,374	6,452,357	4,850,575	17,621,257	17,908,337	3,110,851	6,688,340	680,580	1,322,300
41	Land in farms, 1920.....	25,466,892	44,165,097	27,426,508	35,236,892	49,702,852	29,088,423	31,593,745	19,251,239	.....
42	1910.....	16,116,420	22,974,963	15,074,197	22,048,149	24,228,146	19,292,984	20,501,307	12,080,811	.....
43	1900.....	6,365,410	4,105,000	3,277,490	13,616,920	18,389,690	1,377,470	4,576,820	171,950	255,070
44	Farm buildings, 1920.....	4,503,540	8,066,346	3,939,605	5,782,220	7,165,728	5,055,906	4,844,727	4,125,501	.....
45	1910.....	2,004,615	2,082,348	1,830,754	3,031,708	3,524,810	2,429,981	2,270,150	1,251,620	.....
46	1900.....	681,960	743,330	406,180	1,788,540	1,915,680	315,480	591,860	78,480	183,670
47	Implements and machinery, 1920.....	2,139,474	3,698,192	1,082,976	2,579,748	3,916,922	3,308,412	2,551,153	2,759,189	.....
48	1910.....	855,495	1,175,677	972,772	1,050,592	1,399,052	1,103,290	998,401	.....	.....
49	1900.....	405,000	421,410	374,170	785,390	825,830	170,670	478,520	26,850	107,350
50	Live stock on farms, 1920.....	2,850,997	6,612,370	5,232,857	2,859,107	3,623,670	4,353,944	2,898,910	4,224,140	.....
51	1910.....	1,781,991	3,183,950	2,153,350	2,156,243	3,062,265	3,180,312	2,428,596	2,350,655	.....
52	1900.....	820,004	1,182,017	792,735	1,430,407	1,777,187	1,244,651	1,042,140	403,300	776,210
53	Average values, 1920:									.....
54	All property per farm.....	34,917	24,717	33,194	36,784	28,016	16,264	26,104	12,458	.....
55	Land and buildings per farm.....	30,387	21,001	29,016	32,478	24,728	13,365	22,498	9,592	.....
56	Land alone per acre.....	58.94	36.78	44.80	68.12	64.52	29.01	42.23	10.49	.....
FARMS OPERATED BY OWNERS.										
57	Number of farms, 1920.....	560	1,672	554	784	1,778	2,000	1,077	2,153	.....
58	1910.....	575	1,775	724	825	1,738	2,500	1,152	2,498	.....
59	1900.....	715	1,078	1,119	1,079	2,192	1,648	1,376	115	1,289
60	Per cent of all farms, 1920.....	56.7	67.2	51.2	62.1	77.2	75.7	66.5	88.3	.....
61	Land in farms, 1920.....	244,189	823,552	309,550	288,486	595,377	776,347	510,175	870,543	.....
62	Improved land in farms, 1920.....	213,525	562,715	225,671	248,050	499,381	559,595	420,855	442,960	.....
63	Value of land and buildings, 1920.....	17,400,857	34,549,905	16,022,818	24,221,786	44,372,720	20,016,513	24,078,184	20,575,280	.....
64	Degree of ownership, 1920:									.....
65	Farmers owning entire farm.....	398	872	338	554	1,398	1,130	635	1,211	.....
66	Farmers hiring additional land.....	162	800	216	230	380	861	442	942	.....
67	Color and nativity of owners, 1920:									.....
68	Native white owners.....	274	946	313	368	850	1,077	499	1,009	.....
69	Foreign-born white owners.....	286	726	241	410	928	923	578	1,047	.....
70	Negro and other nonwhite owners.....	22	51	19	1	27		7	7	.....
FARMS OPERATED BY MANAGERS.										
71	Number of farms, 1920.....	12	40	28	24	29	28	27	20	.....
72	1910.....	6	16	32	24	25	15	6	7	.....
73	1900.....	17	18	10	20	22	5	2	4	1
74	Land in farms, 1920.....	8,400	20,968	23,960	47,958	13,580	18,441	19,947	12,529	.....
75	Improved land in farms, 1920.....	7,198	10,800	21,066	45,623	12,089	13,375	16,696	5,326	.....
76	Value of land and buildings, 1920.....	552,800	2,888,553	1,398,500	2,245,290	1,113,175	679,540	1,117,700	298,000	.....
FARMS OPERATED BY TENANTS.										
77	Number of farms, 1920:									.....
78	1910.....	415	775	490	455	496	615	516	264	.....
79	1900.....	307	356	288	301	416	296	280	97	.....
80	Per cent of all farms, 1920.....	139	74	78	107	422	17	66	3	3
81	Land in farms, 1920.....	42.0	31.2	46.2	36.0	21.5	23.3	31.0	10.8	.....
82	Improved land in farms, 1920.....	179,527	346,918	278,725	180,807	162,320	223,018	218,022	95,497	.....
83	Value of land and buildings, 1920.....	159,631	264,386	237,724	172,359	140,593	171,802	184,834	59,086	.....
84	Form of tenancy, 1920:									.....
85	Share tenants.....	385	658	472	420	454	540	497	236	.....
86	Share-cash tenants.....	5	21	3	9	2	15	7	6	.....
87	Cash tenants.....	3	45	5	25	13	54	12	22	.....
88	Unspecified.....	22	51	19	1	27				.....
89	Color and nativity of tenants, 1920:									.....
90	Native white tenants.....	282	554	322	338	340	446	300	176	.....
91	Foreign-born white tenants.....	133	221	177	122	156	160	216	85	.....
92	Negro and other nonwhite tenants.....	number.....							3	.....

¹ Parts of Ward County taken to form Mountrail County in 1909, and Burke and Renville Counties in 1910.² Part of Williams County taken to form Divide County in 1910.

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COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES, 1920; AND LIVE-STOCK PRODUCTS, 1919.

		THE STATE.	Adams.	Barnes.	Benson.	Billings.	Bottineau.	Bowman.	Burke.
DOMESTIC ANIMALS: 1920.									
1	Farms reporting domestic animals.....	76,110	880	1,992	1,663	596	2,144	747	1,347
2	Value of all domestic animals.....	153,361,490	1,952,287	4,708,160	3,238,069	1,446,858	3,692,356	1,036,749	2,377,430
3	Horses:								
4	Total number.....	855,682	9,517	23,118	10,602	9,505	20,339	7,880	13,470
5	Colts under 1 year of age.....	69,250	987	1,260	1,355	1,310	1,252	834	971
6	Colts 1 year old and under 2 years.....	73,422	1,019	1,472	1,463	1,165	1,629	980	1,145
7	Mares 2 years old and over.....	361,070	3,885	10,100	8,411	3,603	9,035	3,098	5,713
8	Geldings 2 years old and over.....	347,151	3,600	10,080	8,303	3,328	8,327	2,931	5,584
9	Stallions 2 years old and over.....	4,789	68	116	70	90	90	46	57
10	Total value.....	72,168,452	609,816	2,282,725	1,827,752	495,270	2,098,135	518,026	1,249,029
11	Mules:								
12	Total number.....	7,873	49	119	224	23	261	39	128
13	Mule colts under 1 year of age.....	808	2	4	12	—	26	3	7
14	Mule colts 1 year old and under 2 years.....	691	2	6	15	2	21	—	16
15	Mules 2 years old and over.....	6,374	45	109	197	21	214	36	105
16	Total value.....	780,508	8,765	11,515	20,047	2,390	20,880	2,815	14,036
17	Asses and burros:								
18	Total number.....	142	2	2	1	6	11	2	2
19	Total value.....	34,146	215	1,600	500	650	3,100	125	860
20	Cattle:								
21	Total number.....	1,334,552	21,170	37,571	24,053	15,709	24,042	17,809	17,824
22	Total value.....	67,911,737	1,126,306	2,002,814	1,143,877	917,325	1,313,076	911,887	903,188
23	Beef cattle:								
24	Total number.....	674,529	11,718	25,923	13,056	11,462	9,706	8,801	7,078
25	Calves under 1 year of age.....	212,398	4,014	7,709	4,171	2,565	3,525	3,273	2,321
26	Heifers 1 year old and under 2 years.....	85,051	1,693	3,200	1,304	1,176	1,085	1,279	874
27	Cows and heifers 2 years old and over.....	211,084	3,347	9,335	4,785	4,658	3,087	2,017	2,414
28	Steers 1 year old and under 2 years.....	99,204	1,714	3,269	1,627	1,427	1,335	1,441	974
29	Steers 2 years old and over.....	50,669	676	1,680	604	1,472	439	576	324
30	Bulls 1 year old and over.....	10,123	274	444	375	164	255	215	171
31	Total value.....	33,667,119	656,784	1,359,680	618,383	695,764	485,770	424,957	375,410
32	Dairy cattle:								
33	Total number.....	680,023	9,452	11,648	10,997	4,247	14,336	9,008	10,746
34	Calves under 1 year of age.....	181,739	2,035	2,991	3,224	1,173	3,817	2,202	3,393
35	Heifers 1 year old and under 2 years.....	99,386	1,172	1,527	1,622	630	2,098	1,035	1,418
36	Cows and heifers 2 years old and over.....	370,707	5,472	6,787	5,884	2,378	8,106	5,624	5,612
37	Bulls 1 year old and over.....	17,191	173	343	317	66	315	147	323
38	Total value.....	34,244,018	469,522	643,134	525,494	221,561	927,306	480,930	687,778
39	Sheep:								
40	Total number.....	298,012	9,321	10,811	6,847	886	9,834	12,616	2,040
41	Lambs under 1 year of age.....	75,512	2,047	2,083	2,497	33	2,342	2,239	899
42	Ewes 1 year old and over.....	209,323	6,876	8,485	4,155	810	7,158	9,890	1,936
43	Rams 1 year old and over.....	6,955	207	201	143	20	222	303	54
44	Wethers 1 year old and over.....	6,822	101	62	82	3	117	105	1
45	Total value.....	3,573,689	128,305	139,724	83,231	10,904	136,461	159,233	35,218
46	Goats:								
47	Total number.....	1,250	1	12	15	—	20	—	13
48	Total value.....	7,972	5	96	110	—	223	—	140
49	Swine:								
50	Total number.....	458,265	4,647	16,163	8,976	1,488	5,348	2,408	4,770
51	Pigs under 6 months old.....	133,870	1,162	3,688	3,222	529	1,560	789	1,255
52	Sows and gilts for breeding, 6 months old and over.....	126,760	1,628	3,900	2,101	330	1,305	735	1,208
53	Boars for breeding, 6 months old and over.....	11,614	172	411	196	30	94	54	86
54	All other hogs, 6 months old and over.....	180,021	1,685	8,155	3,457	599	2,390	890	2,230
55	Total value.....	8,884,980	83,855	359,692	162,552	10,310	111,981	44,063	94,368
POULTRY AND BEES: 1920.									
56	Chickens.....	4,328,567	41,596	143,981	95,063	16,873	114,049	24,382	66,120
57	Other poultry.....	270,882	1,865	8,203	5,244	963	5,294	1,230	2,003
58	Value of all poultry.....	3,667,531	31,466	125,818	77,090	11,843	104,414	21,349	54,151
59	Bees.....	708	30	—	—	6	—	—	—
60	Total value.....	5,614	120	—	—	62	—	—	—
LIVE-STOCK PRODUCTS: 1919.									
61	Dairy products:								
62	Milk produced (as reported).....	124,365,039	1,738,448	2,743,024	2,330,397	583,526	3,083,132	1,209,992	2,362,069
63	Milk sold.....	3,047,098	36,020	84,230	31,145	14,130	40,095	14,818	20,024
64	Cream sold.....	3,098,421	33,538	92,176	37,312	28,067	87,726	21,705	9,089
65	Butter fat sold.....	14,007,648	277,424	281,287	230,924	39,141	258,555	253,410	301,000
66	Butter made on farms.....	14,413,180	129,414	516,140	331,364	46,519	474,148	111,000	290,453
67	Butter sold.....	2,898,998	22,261	115,094	87,842	0,081	129,842	17,202	72,724
68	Cheese made on farms.....	50,065	155	120	140	790	136	48	600
69	Value of dairy products ¹	19,576,343	278,357	635,909	343,468	88,815	486,317	217,583	307,704
70	Receipts from sale of dairy products.....	13,050,477	223,617	347,090	226,471	69,927	328,033	170,382	207,313
71	Average production of milk per dairy cow.....	309	300	351	318	200	315	281	310
72	Eggs and chickens:								
73	Eggs produced (as reported).....	19,734,104	193,160	507,970	375,898	85,307	691,777	153,333	316,139
74	Eggs sold.....	8,498,671	105,849	242,373	166,225	31,085	287,977	66,046	147,073
75	Chickens raised (as reported).....	4,367,128	44,607	112,608	65,033	24,421	134,879	34,077	54,185
76	Chickens sold.....	846,410	8,271	26,999	16,593	3,613	24,213	7,246	6,725
77	Value of chickens and eggs produced.....	9,519,977	100,526	262,879	163,716	39,020	307,805	67,638	138,372
78	Receipts from sale of chickens and eggs.....	3,438,072	49,475	97,326	65,263	11,724	108,395	25,025	53,485
79	Honey and wax:								
80	Honey produced.....	12,814	—	—	—	65	—	—	—
81	Wax produced.....	183	—	—	—	18	—	—	—
82	Value of honey and wax.....	3,052	—	—	—	—	—	—	—
83	Wool:								
84	Sheep shorn.....	174,376	4,884	4,770	3,907	56	6,106	7,013	1,645
85	Wool produced (as reported).....	1,383,559	35,903	42,042	37,892	584	49,335	46,968	14,774
86	Value.....	690,284	20,729	20,383	17,103	273	24,701	24,982	8,094

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS NOT ON FARMS OR RANGES: 1920.

1	Inclosures reporting domestic animals.....	8,981	58	254	251	17	173	60	148
2	Horses, total number.....	19,040	116	523	730	20	393	115	423
3	Mules, total number.....	433	6	15	24	—	19	—	14
4	Asses and burros, total number.....	22	—	—	—	—	2	1	—
5	Cattle, total number.....	16,471	131	382	581	40	271	112	238
6	Dairy cows.....	10,088	68	288	288	27	187	64	151
7	Sheep, total number.....	2,164	—	206	5	—	30	100	210
8	Goats, total number.....	36	—	—	3	—	3	—	2
9	Swine, total number.....	5,835	54	97	241	—	60	43	79

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COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

		Burleigh.	Cass.	Cavalier.	Dickey.	Divide.	Dunn.	Eddy.	Emmons.	Foster.
DOMESTIC ANIMALS: 1920.										
1	Farms reporting domestic animals.....	1,352	2,331	1,993	1,256	1,585	1,447	696	1,433	703
2	Value of all domestic animals.....	3,219,037	5,878,422	3,681,308	3,368,676	2,547,342	3,470,797	1,689,291	3,507,289	1,888,677
Horses:										
3	Total number.....	16,672	29,083	21,324	16,215	14,963	18,093	8,964	18,500	9,558
4	Colts under 1 year of age.....	1,760	1,712	1,554	1,402	926	2,203	680	1,955	708
5	Colts 1 year old and under 2 years.....	1,553	1,913	1,867	1,452	1,199	1,989	796	1,994	786
6	Mares 2 years old and over.....	6,973	12,669	9,145	7,087	6,210	7,144	3,875	7,839	4,143
7	Geldings 2 years old and over.....	6,259	12,645	8,651	6,174	6,586	7,519	3,666	6,666	3,849
8	Stallions 2 years old and over.....	122	114	107	120	42	138	41	136	72
9	Total value.....	1,199,899	2,899,193	2,187,503	1,171,872	1,471,327	1,217,820	803,365	1,337,774	957,899
Mules:										
10	Total number.....	'85	286	107	210	191	73	101	70	168
11	Mule colts under 1 year of age.....	7	10	14	29	2	42	7	3	41
12	Mule colts 1 year old and under 2 years.....	8	16	3	27	17	1	5	12	18
13	Mules 2 years old and over.....	70	260	90	154	172	80	89	55	109
14	Total value.....	10,545	30,827	10,220	18,230	20,815	4,685	10,085	7,145	19,578
Asses and burros:										
15	Total number.....	9	1	1	2	1	3	5	3	6
16	Total value.....	2,900	5	500	500	20	150	150	1,725	1,020
Cattle:										
17	Total number.....	35,200	39,064	24,580	30,974	16,958	36,173	14,512	37,882	13,507
18	Total value.....	1,846,077	2,222,308	1,226,258	1,528,631	924,015	2,130,214	716,321	1,809,637	771,817
Beef cattle:										
19	Total number.....	17,889	17,710	10,072	22,824	6,037	20,286	6,184	23,603	9,548
20	Calves under 1 year of age.....	5,217	4,807	3,271	7,249	2,186	9,064	1,889	8,109	2,803
21	Heifers 1 year old and under 2 years.....	2,103	2,152	1,259	3,080	673	3,698	880	3,108	1,331
22	Cows and heifers 2 years old and over.....	5,410	4,639	3,632	7,182	1,825	10,173	1,581	7,166	3,633
23	Steers 1 year old and under 2 years.....	3,319	3,438	1,273	3,288	906	3,815	1,152	3,217	1,040
24	Steers 2 years old and over.....	1,384	2,241	400	1,483	283	2,007	552	1,339	489
25	Bulls 1 year old and over.....	311	433	237	592	194	529	150	584	252
26	Total value.....	915,085	989,241	499,211	1,002,178	317,778	1,707,909	270,193	1,008,581	540,934
Dairy cattle:										
27	Total number.....	17,331	22,254	14,608	8,150	10,921	6,887	8,348	14,229	4,019
28	Calves under 1 year of age.....	5,197	5,943	4,474	1,875	3,347	1,346	2,365	2,924	1,242
29	Heifers 1 year old and under 2 years.....	2,406	3,094	2,224	1,093	1,576	796	1,189	1,785	625
30	Cows and heifers 2 years old and over.....	9,360	12,536	7,477	5,206	5,720	4,603	4,607	9,191	2,190
31	Bulls 1 year old and over.....	368	681	333	176	278	142	217	329	62
32	Total value.....	930,592	1,233,067	727,047	408,453	608,237	422,305	446,128	716,056	230,883
Sheep:										
33	Total number.....	653	7,168	6,323	10,902	2,557	2,248	5,888	4,056	2,706
34	Lambs under 1 year of age.....	150	1,722	1,881	3,228	501	200	2,694	1,420	656
35	Ewes 1 year old and over.....	371	5,257	4,098	7,155	1,989	1,860	8,086	2,407	1,958
36	Rams 1 year old and over.....	81	173	217	350	50	47	82	98	49
37	Wethers 1 year old and over.....	101	16	127	109	17	41	56	124	43
38	Total value.....	8,291	84,434	81,183	124,330	31,735	39,709	58,149	42,013	32,742
Goats:										
39	Total number.....	6	15	28	10	4	8	19	10	-----
40	Total value.....	46	125	267	84	47	27	140	86	-----
Swine:										
41	Total number.....	8,210	27,551	11,803	27,190	4,604	5,411	5,007	16,562	5,506
42	Pigs under 6 months old.....	2,724	5,471	4,135	8,570	1,569	2,201	1,387	5,020	1,654
43	Sows and gilts for breeding, 6 months old and over.....	2,210	7,070	2,187	8,914	1,084	1,243	1,183	5,211	1,120
44	Boars for breeding, 6 months old and over.....	200	618	192	722	69	130	119	512	117
45	All other hogs, 6 months old and over.....	3,064	13,783	5,309	10,984	1,882	1,837	2,318	5,819	2,306
46	Total value.....	151,079	641,630	225,377	526,020	98,383	78,132	101,081	308,909	104,721
POULTRY AND BEES: 1920.										
47	Chickens.....	78,121	180,503	115,305	95,162	68,704	82,601	43,997	83,782	49,988
48	Other poultry.....	6,200	15,100	4,831	9,618	2,688	4,183	2,524	8,330	3,271
49	Value of all poultry.....	74,831	180,007	92,023	98,824	48,947	37,338	37,338	67,016	43,552
50	Bees.....	1,650	-----	3	4	15	60	-----	-----	10
LIVE-STOCK PRODUCTS: 1919.										
Dairy products:										
52	Milk produced (as reported).....	1,863,618	3,910,086	3,216,650	1,808,570	1,975,250	1,482,284	1,505,850	3,387,655	834,203
53	Milk sold.....	76,646	299,973	52,566	126,714	35,395	18,077	34,644	18,304	22,666
54	Cream sold.....	100,207	71,179	73,274	76,346	52,898	62,294	45,803	117,419	3,711
55	Butter fat sold.....	328,091	390,977	266,217	149,901	152,193	213,783	106,905	412,941	120,366
56	Butter made on farms.....	198,985	605,193	464,397	188,427	344,229	151,722	188,168	181,207	137,033
57	Butter sold.....	34,763	119,048	88,465	30,650	96,535	23,756	26,556	18,052	38,466
58	Cheese made on farms.....	200	472	286	615	175	3,999	25	2,980	10
59	Value of dairy products ¹	441,009	650,931	490,720	324,198	334,720	279,889	207,510	441,946	143,054
60	Receipts from sale of dairy products.....	353,925	422,771	295,361	236,510	217,875	214,106	140,982	387,539	92,756
61	Average production of milk per dairy cow.....	268	301	378	281	329	237	327	268	291
Eggs and chickens:										
62	Eggs produced (as reported).....	322,819	697,983	471,593	353,041	380,233	266,772	194,791	415,732	172,290
63	Eggs sold.....	140,827	255,675	182,605	151,688	157,687	131,265	80,210	147,290	71,454
64	Chickens raised (as reported).....	88,712	179,974	91,329	99,621	53,038	71,807	44,877	93,670	35,215
65	Chickens sold.....	23,375	52,473	17,568	25,022	7,440	12,180	11,106	8,704	8,666
66	Value of chickens and eggs produced.....	184,449	370,269	243,334	195,055	171,350	133,121	92,258	196,319	88,089
67	Receipts from sale of chickens and eggs.....	70,528	126,139	76,317	80,921	61,879	51,380	33,348	51,249	33,755
Honey and wax:										
68	Honey produced.....	3,015	-----	30	60	-----	-----	-----	-----	-----
69	Wax produced.....	75	-----	8	2	-----	-----	-----	-----	-----
70	Value of honey and wax.....	1,122	-----	8	18	-----	-----	-----	-----	-----
Wool:										
71	Sheep shorn.....	443	5,122	3,566	5,491	983	541	4,085	1,738	1,907
72	Wool produced (as reported).....	3,907	39,021	30,140	41,876	8,625	4,776	36,130	16,516	15,093
73	Value.....	1,806	19,886	14,423	20,960	4,327	2,421	18,359	7,799	8,054

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1	Inclosures reporting domestic animals.....	217	310	282	217	73	41	123	146	120
2	Horses, total number.....	573	790	627	464	270	131	304	153	251
3	Mules, total number.....	8	14	6	12	13	13	32	32	12
4	Asses and burros, total number.....	-----	-----	-----	-----	-----	-----	3	-----	3
5	Cattle, total number.....	544	416	470	312	145	103	141	195	189
6	Dairy cows.....	248	238	290	226	51	28	118	166	134
7	Sheep, total number.....	1	179	265	2					

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1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

Golden Valley.	Grand Forks.	Grant.	Griggs.	Hettinger.	Kidder.	La Moure.	Logan.	McHenry.	McIntosh.	McKenzie.	McLean.	Mercer.	Morton.
1,892,999	4,267,410	2,636,849	2,244,061	1,805,528	2,606,634	3,225,314	1,878,193	3,690,694	1,972,437	4,955,018	3,860,627	1,981,966	3,288,201
744	1,981	1,492	944	1,117	1,185	1,485	1,000	2,052	1,011	1,935	2,418	1,055	1,862
9,045	21,668	17,832	11,540	12,346	13,314	16,708	11,426	20,212	11,804	20,924	28,784	12,075	22,332
954	1,363	1,745	786	1,230	1,234	1,084	1,062	1,351	1,274	3,451	2,453	1,309	2,099
938	1,509	1,624	887	1,181	1,188	985	2,190	1,195	3,079	2,709	1,052	2,092	1,052
3,501	9,755	7,256	5,217	4,981	5,843	7,403	4,872	8,372	5,013	10,223	11,208	4,810	9,403
8,580	8,970	7,067	4,583	4,891	4,909	6,979	4,416	8,221	4,328	9,931	10,149	4,834	8,574
72	71	140	67	63	80	104	91	78	86	240	175	64	184
525,553	2,216,369	1,089,142	1,215,787	817,312	952,602	1,377,790	724,484	1,803,349	908,982	1,830,365	1,990,910	780,968	1,341,100
64	226	109	112	134	189	196	105	194	83	80	175	28	77
2	12	1	43	45	24	12	22	10	10	21	4	15	15
5	10	4	49	28	39	16	4	3	16	7	2	12	12
57	218	93	111	91	95	144	54	156	19	67	138	17	60
5,770	25,465	8,445	11,795	8,954	16,794	16,571	8,451	18,965	2,875	7,551	16,883	1,990	5,650
1	2	1	-----	-----	2	5	4	7	1	3	2	14	14
200	25	500	-----	350	331	185	-----	1,035	1,000	2,600	150	150	150
13,033	30,058	29,303	15,151	18,426	28,707	29,067	22,292	32,238	23,188	45,681	36,055	22,468	37,956
657,470	1,506,701	1,373,586	830,797	908,270	1,411,917	1,472,628	1,018,016	1,500,006	940,220	3,012,071	1,628,161	1,059,941	1,752,912
8,501	13,285	15,222	7,975	8,474	17,860	10,720	8,344	12,785	7,785	84,927	20,106	9,364	18,710
2,800	5,184	2,391	2,820	5,992	3,072	2,841	4,318	2,515	8,893	6,519	2,812	6,417	20
984	1,773	937	1,283	2,241	1,174	1,068	1,701	902	3,860	2,584	1,238	2,446	21
3,102	3,670	2,803	2,982	5,558	2,300	2,617	3,853	2,540	11,899	7,152	2,823	6,920	21
874	1,900	1,942	1,112	889	2,468	2,716	1,261	1,883	1,202	3,924	2,380	1,418	2,501
656	1,125	1,241	494	318	1,220	1,112	437	755	408	5,752	956	509	877
175	400	332	238	182	371	346	220	275	218	509	178	459	29
439,142	665,284	724,382	408,124	394,870	820,390	509,537	380,487	613,710	298,561	2,380,885	876,674	457,339	816,374
4,442	10,773	14,141	7,176	9,952	10,857	18,347	13,948	19,453	15,403	10,754	15,052	13,104	19,246
1,242	4,197	3,801	2,003	2,776	2,403	5,299	3,777	5,681	4,622	3,225	4,443	4,095	4,858
511	2,194	1,902	1,037	1,131	1,499	2,505	1,955	2,626	2,230	1,418	2,374	1,726	2,637
2,570	9,828	8,081	3,885	5,829	6,785	10,114	7,791	10,664	8,115	5,920	8,700	6,048	11,245
119	554	357	251	210	170	420	425	482	436	101	435	506	31
218,337	901,417	649,234	422,073	513,400	591,518	963,091	639,120	976,287	641,059	676,086	751,487	602,002	936,542
11,920	10,104	4,584	3,103	410	10,476	6,597	4,724	13,341	4,366	1,141	2,804	6,712	3,303
2,610	2,815	1,179	880	186	1,963	1,853	1,206	3,480	1,161	230	580	2,155	1,000
8,458	7,012	3,059	2,156	204	8,227	4,377	3,148	9,436	2,459	830	2,157	3,894	1,910
147	291	125	93	13	168	194	124	335	165	19	61	104	59
705	106	221	64	17	118	173	186	90	571	62	87	559	385
136,215	126,283	50,883	38,025	4,746	135,737	81,658	48,755	163,127	35,908	14,242	36,903	61,091	32,848
8	10	17	1	7	36	65	20	416	2	22	-----	10	30
78	49	155	5	85	206	340	242	1,514	37	190	68	40	68
3,876	16,020	8,015	6,550	4,631	5,266	12,693	5,159	6,302	6,889	4,631	11,087	5,870	11,375
1,045	3,245	3,590	1,610	1,054	1,882	2,869	1,812	2,204	2,852	1,832	3,955	2,607	4,904
831	4,305	2,293	1,343	1,098	1,694	4,680	1,753	1,832	2,282	2,937	1,757	3,492	42
110	441	203	181	90	175	410	196	159	202	89	226	158	323
690	8,029	1,839	2,016	1,489	1,512	4,734	1,398	2,107	1,573	3,963	1,357	2,626	41
67,782	332,489	114,244	140,002	66,241	89,149	276,130	70,547	114,820	82,038	82,038	186,300	75,376	150,523
34,809	138,780	78,045	58,096	48,725	58,933	111,188	55,025	109,229	60,571	64,381	122,702	55,004	96,375
1,545	7,085	6,198	2,392	2,991	5,214	8,626	6,564	7,339	8,203	1,115	7,860	6,676	6,789
22,009	115,855	55,686	45,942	40,142	52,143	97,309	45,991	90,517	51,221	50,932	98,576	37,934	63,750
10	7	-----	-----	-----	-----	19	-----	208	16	16	-----	16	51
63	140	-----	-----	-----	-----	190	-----	208	-----	160	-----	160	51
720,585	3,904,300	2,636,630	1,775,830	1,441,972	2,113,539	2,735,337	2,832,052	3,524,400	2,370,427	1,935,335	8,579,200	1,670,632	3,441,073
14,950	78,782	10,866	10,681	22,955	11,310	23,664	11,619	56,550	22,482	61,381	47,233	11,616	88,980
22,191	85,493	58,610	17,974	70,765	77,977	69,490	90,310	69,161	139,452	27,278	128,956	85,260	87,416
54,892	223,836	417,589	173,243	204,697	374,043	338,384	312,970	612,607	330,406	253,428	373,061	213,128	641,444
121,503	603,908	136,093	204,913	122,514	142,244	208,535	98,551	380,724	74,195	287,886	304,048	103,632	109,548
31,036	155,326	8,346	50,461	13,558	15,345	43,684	2,650	71,024	3,002	51,337	45,009	9,916	40,149
140	1,589	75	-----	-----	845	225	505	900	3,697	395	2,235	6,482	5,884
118,851	540,493	368,870	244,627	326,993	360,006	425,373	325,997	642,370	388,451	317,223	524,047	278,495	552,136
79,153	335,943	301,705	137,274	268,134	283,691	285,076	273,999	493,089	349,087	221,942	398,256	231,583	469,513
253	359	317	311	278	278	283	323	310	254	270	345	264	347
195,725	648,432	335,634	232,459	277,449	279,900	802,205	238,935	499,897	232,713	343,479	553,857	210,393	428,152
87,027	250,032	187,313	98,190	113,173	136,067	234,971	117,217	244,643	133,917	120,780	243,335	130,006	168,546
45,405	138,588	94,591	43,281	59,770	66,185	110,872	58,642	134,001	67,501	77,572	120,195	61,945	128,202
11,027	43,630	11,259	9,485	10,165	24,028	29,019	6,579	24,048	5,380	7,933	10,754	6,310	16,033
91,654	307,777	162,266	103,545	126,822	128,466	343,447	114,621	247,738	123,371	168,340	255,361	100,843	210,929
34,220	115,744	66,155	37,949	43,680	49,151	97,618	42,833	97,363	47,037	40,667	83,744	45,068	77,401
413	450	6	-----	-----	-----	-----	580	-----	1,150	-----	500	-----	68
116	128	-----	-----	-----	-----	182	-----	327	15	140	70	70	70
5,966	5,883	2,671	2,276	238	6,165	3,131	2,708	7,216	2,577	792	1,769	4,500	2,475
49,258	42,910	20,146	17,991	2,180	44,747	26,132	20,385	53,279	23,607	7,076	14,705	34,803	18,290
27,886	20,994	10,319	8,585	1,158	22,697	12,973	10,501	27,225	12,284	3,629	6,988	17,260	9,380

NOT ON FARMS OR RANGES: 1920—Continued.

99	321	95	95	95	124	243	116	289	275	57	227	114	236	1
133	550	195	258	142	331	457	188	515	299	119	589	218	308	2
	8	2		10	9	8	2	6	2	6	6	5	4	3
					1			2						4
520	569	127	199	201	224	457	180	475	389	203	366	251	337	5
109	410	93	113	106	91	275	155	357	293	39	230	123	250	6
2	507		4			23		50	11		1			7
	4					1		1	1					8
59	138	95	51	68	54	224	125	145	240	63	174	67	240	9

AGRICULTURE—NORTH DAKOTA.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES;

		Mountain.	Nelson.	Oliver.	Pembina.	Pierce.	Ramsey.	Ransom.	Renville.	Richland.
DOMESTIC ANIMALS: 1920.										
1 Farms reporting domestic animals.....	number..	1,970	1,212	758	1,705	1,173	1,378	1,325	1,155	2,259
2 Value of all domestic animals.....	dollars..	3,071,234	2,735,342	1,444,268	3,319,073	1,924,876	3,000,181	2,835,107	1,741,075	4,700,209
Horses:										
3 Total number.....		17,641	15,226	8,249	16,032	13,232	18,318	13,539	10,319	24,210
4 Colts under 1 year of age.....		1,378	1,046	881	907	900	1,343	953	728	1,384
5 Colts 1 year old and under 2 years.....		1,455	1,216	674	1,131	1,055	1,407	956	832	1,000
6 Mares 2 years old and over.....		7,522	6,792	3,515	7,087	5,682	7,033	6,122	4,500	9,500
7 Geldings 2 years old and over.....		7,201	6,112	3,129	6,847	5,585	7,788	5,420	4,194	11,540
8 Stallions 2 years old and over.....		85	60	50	60	54	59	88	65	72
9 Total value.....	dollars..	1,457,399	1,508,550	505,866	1,764,227	1,102,234	1,728,057	1,000,821	1,022,714	2,118,732
Mules:										
10 Total number.....		137	127	49	161	39	239	245	109	381
11 Mule colts under 1 year of age.....		8	8	12	14	1	42	53	5	25
12 Mule colts 1 year old and under 2 years.....		3	5	15	12	2	28	16	4	14
13 Mules 2 years old and over.....		126	114	22	135	38	160	176	100	342
14 Total value.....	dollars..	14,228	12,980	4,615	19,010	3,765	23,815	19,412	12,370	41,126
Asses and burros:										
15 Total number.....		2	1	1	1	1	2	2	1	1
16 Total value.....	dollars..	75	600	35	—	175	350	1,600	50	—
Cattle:										
17 Total number.....		29,938	21,454	18,864	21,629	15,808	20,507	28,474	11,101	42,691
18 Total value.....	dollars..	1,439,574	993,011	786,178	1,058,444	687,620	1,014,033	1,345,945	614,304	2,010,135
Beef cattle—										
19 Total number.....		12,464	11,381	7,761	10,520	4,754	9,367	18,382	2,045	20,198
20 Calves under 1 year of age.....		5,251	3,546	2,485	3,254	2,060	2,895	4,772	1,080	6,047
21 Heifers 1 year old and under 2 years.....		1,525	1,631	1,077	1,571	716	1,262	1,900	293	2,417
22 Cows and heifers 2 years old and over.....		2,819	3,700	2,141	3,097	636	3,254	4,940	788	5,785
23 Steers 1 year old and under 2 years.....		2,069	1,503	1,350	1,624	879	1,371	2,098	525	3,124
24 Steers 2 years old and over.....		943	674	560	741	267	320	1,281	174	2,260
25 Bulls 1 year old and over.....		357	327	148	243	187	265	431	85	550
26 Total value.....	dollars..	495,768	494,561	348,737	478,263	158,831	454,163	720,220	135,677	873,087
Dairy cattle—										
27 Total number.....		17,474	10,073	9,103	11,090	11,144	11,140	12,002	8,246	22,403
28 Calves under 1 year of age.....		4,432	3,075	2,628	3,324	2,727	3,408	3,358	2,088	5,740
29 Heifers 1 year old and under 2 years.....		2,196	1,356	1,058	1,450	1,402	1,614	1,739	1,010	3,160
30 Cows and heifers 2 years old and over.....		10,643	5,337	5,164	6,099	6,875	6,698	6,075	5,002	12,744
31 Bulls 1 year old and over.....		303	305	265	226	317	261	137	843	—
32 Total value.....	dollars..	943,808	408,450	437,441	580,181	528,705	550,870	616,710	478,627	1,145,418
Sheep:										
33 Total number.....		4,678	5,171	819	22,445	4,606	5,264	4,417	1,856	5,768
34 Lambs under 1 year of age.....		1,526	1,298	326	4,902	833	1,608	1,123	375	1,633
35 Ewes 1 year old and over.....		3,030	3,573	452	16,839	3,603	3,380	3,172	1,388	3,863
36 Rams 1 year old and over.....		90	109	25	454	105	120	96	51	194
37 Wethers 1 year old and over.....		32	191	16	250	55	141	26	42	98
38 Total value.....	dollars..	60,441	63,554	9,361	261,269	51,604	60,511	54,655	23,350	63,070
Goats:										
39 Total number.....		2	4	—	101	54	2	54	27	50
40 Total value.....	dollars..	20	25	—	722	471	23	425	211	345
Swine:										
41 Total number.....		5,104	7,836	5,117	9,940	5,480	8,320	15,142	4,137	10,841
42 Pigs under 6 months old.....		1,688	2,137	2,097	2,545	2,143	3,430	3,448	1,448	3,145
43 Sows and gilts for breeding, 6 months old and over.....		1,115	1,727	1,589	2,711	1,305	1,788	4,327	721	6,075
44 Boars for breeding, 6 months old and over.....		88	152	149	270	163	172	360	78	503
45 All other hogs, 6 months old and over.....		2,213	3,820	1,282	4,414	1,308	4,226	7,016	1,800	10,058
46 Total value.....	dollars..	99,572	157,167	77,648	215,306	79,116	172,067	328,499	66,526	457,151
POULTRY AND BEES: 1920.										
47 Chickens.....	number..	70,768	72,366	38,886	94,422	61,437	91,716	89,788	67,644	202,908
48 Other poultry.....	number..	2,780	3,910	3,997	7,037	3,418	4,892	5,000	3,196	16,992
49 Value of all poultry.....	dollars..	66,803	60,516	29,966	87,938	45,817	74,015	87,106	55,699	173,600
50 Bees.....	number of hives..	—	5	—	309	—	—	3	—	765
51 Total value.....	dollars..	—	42	—	1,688	—	—	15	—	—
LIVE-STOCK PRODUCTS: 1919.										
Dairy products:										
52 Milk produced (as reported).....	gallons..	3,624,826	2,312,791	1,725,477	2,819,424	1,794,298	2,670,282	2,430,732	1,503,365	3,835,446
53 Milk sold.....	gallons..	45,185	12,281	35,075	109,463	26,622	116,475	132,084	18,056	77,710
54 Cream sold.....	gallons..	33,459	52,159	91,224	42,524	39,658	60,844	44,977	29,517	65,032
55 Butter fat sold.....	pounds..	643,596	188,922	170,011	231,074	157,964	182,888	313,211	123,305	338,977
56 Butter made on farms.....	pounds..	413,401	344,074	90,816	443,547	242,908	391,502	283,850	105,277	504,067
57 Butter sold.....	pounds..	61,128	61,288	7,828	61,084	57,497	87,742	44,638	47,566	69,714
58 Cheese made on farms.....	pounds..	105,641	834,810	252,532	449,187	260,507	409,442	425,507	188,072	578,857
59 Value of dairy products.....	dollars..	430,303	196,046	212,516	263,928	175,324	250,030	300,286	124,133	365,081
60 Receipts from sale of dairy products.....	dollars..	342	321	338	300	300	290	352	207	—
61 Average production of milk per dairy cow.....	gallons..	—	—	—	—	—	—	—	—	—
Eggs and chickens:										
62 Eggs produced (as reported).....	dozens..	318,847	338,594	186,692	436,185	314,686	490,126	365,322	313,257	850,151
63 Eggs sold.....	dozens..	174,631	130,874	78,368	142,840	119,890	203,200	159,016	121,682	413,080
64 Chickens raised (as reported).....	number..	63,776	57,048	40,919	87,555	77,282	75,536	96,022	63,985	188,313
65 Chickens sold.....	number..	8,124	13,983	5,644	21,036	9,535	15,732	25,169	8,181	54,091
66 Value of chickens and eggs produced.....	dollars..	147,312	152,774	87,444	208,700	149,442	220,078	103,158	138,400	420,988
67 Receipts from sale of chickens and eggs.....	dollars..	63,169	53,176	27,302	64,036	44,872	82,548	73,145	45,521	177,768
Honey and wax:										
68 Honey produced.....	pounds..	—	75	—	4,114	—	—	4	—	835
69 Wax produced.....	pounds..	—	—	—	80	—	—	—	5	—
70 Value of honey and wax.....	dollars..	—	21	—	1,130	—	—	1	—	236
Wool:										
71 Sheep shorn.....	number..	1,285	3,809	497	19,200	2,564	2,924	2,368	400	3,811
72 Wool produced (as reported).....	pounds..	10,476	30,813	4,322	158,062	21,905	22,143	21,000	3,070	26,453
73 Value.....	dollars..	5,037	15,774	2,196	71,640	10,667	10,316	10,543	1,817	12,231

1 Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1 Inclosures reporting domestic animals.....		179	150	39	349	132	204	220	52	348
2 Horses, total number.....		508	354	105	564	276	373	421	176	581
3 Mules, total number.....		9	5	—	6	—	9	4	10	14
4 Asses and burros, total number.....		—	—	1	—	—	—	—	—	3
5 Cattle, total number.....		482	228	86	603	322	431	444	90	515
6 Dairy cows.....		292	145	58	409	206	264	249	61	391
7 Sheep, total number.....		11</								

AGRICULTURE—NORTH DAKOTA.

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1920: AND LIVE-STOCK PRODUCTS, 1919—Continued.

Roletto.	Sargent.	Sheridan.	Sioux.	Slope.	Stark.	Steele.	Stutsman.	Towner.	Trail.	Walsh.	Ward.	Wells.	Williams.
1,227 1,845,483	1,306 3,247,783	1,107 1,904,273	459 1,465,207	761 1,616,189	1,275 2,003,036	971 2,203,009	2,460 5,408,077	1,069 2,475,903	1,242 2,781,884	2,230 3,529,442	2,501 4,228,041	1,598 3,213,537	2,365 4,143,636
12,026	13,856	12,318	5,310	8,973	15,407	11,486	29,400	15,529	13,813	19,730	25,430	19,446	24,221
1,055	842	1,142	740	958	1,431	665	2,180	1,163	692	1,079	1,908	1,478	2,222
1,040	1,132	1,223	580	978	1,342	804	2,298	1,330	845	1,310	1,898	1,000	2,156
4,935	6,052	5,101	2,105	3,536	6,101	5,165	11,979	6,778	6,024	8,669	11,019	8,200	10,051
4,958	5,776	4,686	1,830	3,418	6,438	4,828	12,763	6,191	6,210	8,710	10,463	9,950	9,950
38	54	76	55	95	24	180	67	42	62	161	130	193	193
997,114	1,242,806	949,386	363,296	612,609	912,738	1,265,876	2,499,331	1,476,601	1,487,641	2,073,982	2,199,170	1,700,001	2,148,868
136	238	44	45	67	26	148	258	417	241	130	878	149	258
8	23	3	2	2	-----	9	16	68	20	47	5	7	11
16	35	1	-----	1	-----	9	21	82	9	18	5	12	12
112	180	41	42	66	25	180	221	267	232	92	205	139	239
12,343	20,605	5,200	4,500	7,160	2,714	15,987	29,189	30,204	26,745	12,390	37,815	15,405	31,213
2	3	1	-----	1	-----	3	9	3	1	7	4	5	8
35	575	25	-----	200	45	2,070	420	75	1,175	2,000	710	2,645	16
15,953	29,092	20,675	17,488	17,069	21,542	15,771	49,035	14,033	19,050	22,749	32,994	26,210	32,021
728,491	1,445,594	946,981	1,051,165	925,528	1,059,024	769,299	2,531,511	765,298	1,017,242	1,127,002	1,717,126	1,254,944	1,705,277
6,652	15,703	5,426	14,982	11,253	12,761	8,443	20,570	3,754	9,535	7,335	9,121	12,289	15,328
2,284	4,801	1,737	4,132	2,943	3,758	2,520	6,665	1,279	2,972	2,304	3,181	4,244	5,001
799	1,817	450	2,118	1,337	1,711	1,255	2,388	405	1,280	1,014	1,131	1,537	1,749
2,192	3,737	1,248	2,615	4,580	4,866	2,662	6,073	946	3,232	2,119	2,430	3,810	5,394
911	2,978	1,406	2,652	1,601	1,466	1,224	3,415	767	1,170	1,055	1,669	1,524	2,081
299	2,039	419	1,275	665	804	519	1,672	260	628	615	468	822	773
167	331	167	190	227	361	254	457	97	244	228	350	350	25
286,242	772,106	226,823	881,057	628,063	601,592	889,697	1,008,851	225,116	519,087	354,473	454,025	576,284	818,732
9,301	13,389	15,249	2,506	5,816	8,781	7,328	28,465	10,279	9,515	15,414	23,878	13,921	16,993
2,760	3,693	4,536	341	1,853	1,083	2,028	7,931	3,106	2,447	4,299	7,007	3,644	5,054
1,365	2,006	2,800	168	792	1,047	1,031	4,136	1,517	1,446	2,260	3,112	2,347	2,900
4,952	7,373	7,922	1,964	3,095	5,646	3,956	15,606	6,415	5,256	8,380	15,179	8,380	12,425
215	417	491	33	70	205	274	792	241	366	505	575	718,710	976,995
442,249	673,488	720,158	170,108	296,505	457,432	379,602	1,522,600	540,177	497,555	772,529	1,263,101	718,710	976,995
2,613	8,069	2,882	1,571	1,498	1,953	6,839	14,704	5,579	4,043	5,028	6,318	4,036	2,415
518	772	910	278	252	635	2,132	3,482	1,617	1,209	1,353	1,289	1,028	807
1,827	2,146	1,743	1,243	1,105	1,177	4,001	10,570	3,756	3,828	4,021	4,850	8,531	1,510
78	86	64	21	22	38	155	290	158	92	177	111	53	53
190	65	165	29	29	103	51	362	151	48	16	77	79	103
88,594	40,196	32,918	10,520	16,573	21,302	71,264	169,106	71,663	56,668	61,142	75,491	57,041	30,903
57	5	16	70	4	1	18	33	8	14	8	3	6	39
427	51	70	-----	20	7	208	225	12	188	82	18	50	40
3,763	21,013	4,697	1,370	3,540	5,766	8,703	14,050	6,391	7,778	12,358	9,668	7,585	6,571
1,411	4,108	1,771	1,324	2,799	1,857	4,002	2,102	1,503	8,599	3,338	2,007	2,184	42
806	7,012	1,384	603	952	1,382	1,712	4,129	1,450	2,716	3,080	2,167	2,212	1,092
102	547	82	66	86	156	189	327	151	252	320	229	213	138
1,444	9,351	1,460	271	1,178	1,429	4,945	5,592	2,088	3,807	5,349	3,947	3,164	2,550
68,479	497,956	59,687	26,726	54,310	67,638	170,581	206,662	125,497	193,501	253,568	197,767	145,418	184,130
48,073	105,815	58,575	12,292	32,628	52,849	67,228	156,058	65,493	94,283	128,595	142,105	105,304	93,934
2,717	7,960	5,800	1,333	8,590	3,540	10,050	4,793	8,197	7,317	8,197	6,872	2,946	48
42,127	97,079	46,922	12,094	25,720	32,806	57,958	144,044	57,954	77,223	94,177	124,983	85,373	80,500
4	1	-----	-----	-----	-----	6	64	5	-----	3	-----	3	51
31	10	-----	-----	-----	-----	30	249	-----	-----	51	20	-----	35
925,020	2,298,872	2,835,722	560,855	1,044,397	1,758,883	1,555,331	4,010,139	1,531,269	2,464,101	3,016,625	4,714,318	2,409,606	3,302,067
28,735	16,678	1,812	675	14,884	81,809	25,145	195,014	88,089	38,740	120,747	297,928	122,090	53
46,608	73,670	4,852	19,900	29,951	71,387	20,467	76,680	42,256	41,165	66,003	82,333	42,900	47,170
151,213	320,010	532,542	84,316	157,539	101,372	206,610	604,164	85,710	159,778	186,458	490,721	305,902	306,548
233,791	259,387	122,788	35,793	98,892	121,913	274,935	474,302	244,055	348,486	455,564	546,500	345,165	461,059
37,902	22,572	14,755	6,538	18,079	25,095	58,442	64,423	61,925	71,453	80,564	183,836	88,055	156,306
1,630	70	3,350	1,050	114	815	320	4,226	70	165	180	600	1,285	304
257,198	379,762	321,302	90,587	171,755	275,421	282,988	273,903	243,491	311,054	438,734	700,499	383,164	510,095
168,370	263,888	271,247	73,632	133,942	224,720	170,116	531,714	150,278	186,353	262,555	616,568	261,551	366,991
312	230	282	329	298	250	306	290	352	321	336	341	343	300
261,939	426,260	256,300	50,666	181,194	247,056	290,144	665,072	270,420	409,346	511,850	670,350	450,324	493,274
82,577	244,022	113,799	16,989	71,001	110,403	105,819	207,391	106,344	184,419	181,084	327,380	200,054	218,320
46,818	117,254	72,502	9,926	39,081	84,796	49,271	165,460	54,973	76,282	111,323	146,900	92,095	64,641
11,622	32,666	2,768	2,645	7,170	11,403	12,823	29,139	7,410	25,032	23,914	17,081	13,121	65,651
137,549	218,481	122,257	26,311	77,416	117,363	127,783	378,469	127,987	187,998	250,844	338,974	217,004	227,642
40,759	100,228	36,440	7,887	25,835	39,273	47,801	135,084	40,706	78,635	80,795	132,337	76,084	84,823
20	-----	-----	-----	-----	88	185	-----	-----	155	65	-----	110	68
6	-----	-----	-----	-----	25	52	-----	43	18	-----	31	70	69
1,541	2,438	1,759	472	775	888	4,581	7,911	2,531	3,624	1,999	2,831	3,264	2,183
10,704	19,480	18,747	3,977	6,220	9,218	37,275	60,558	22,008	25,822	15,352	20,243	27,075	16,968
5,095	9,539	6,651	2,046	3,179	4,778	19,315	30,265	10,882	12,715	7,938	14,524	7,024	7,024

NOT ON FARMS OR RANGES: 1920—Continued.

145	155	109	65	53	214	55	348	125	225	251	233	181	244	1
449	541	204	234	186	201	124	726	288	326	419	733	401	710	2
11	8	1	2	7	10	13	8	3	8	8	17	6	20	3
	2						1	2				1		4
367	380	280	138	127	243	90	690	162	367	396	418	329	497	5
238	173	170	25	71	207	68	414	122	277	294	268	182	267	6
3	7	1	-----	4	494	-----	102	25	4	9	3	36	1	7
	9	1					1				4		2	8
73	154	49	9	16	196	73	227	47	128	152	133	50	94	9

AGRICULTURE—NORTH DAKOTA.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		THE STATE.	Adams.	Barnes.	Benson.	Billings.	Bottineau.	Bowman.	Burke.	
VALUE OF ALL CROPS.										
1	Total	dollars..	301,782,935	975,150	12,250,175	9,461,835	343,430	5,444,419	311,478	4,182,570
2	Cereals.....	dollars..	215,764,634	577,871	8,802,260	7,635,028	106,532	4,312,204	158,860	3,156,424
3	Other grains and seeds.....	dollars..	15,583,209	36,967	671,377	362,077	9,780	62,393	5,062	200,905
4	Hay and forage.....	dollars..	56,555,024	306,234	2,341,627	1,233,402	193,684	839,027	129,224	662,220
5	Vegetables.....	dollars..	13,725,227	54,015	417,109	229,071	33,331	229,740	18,295	162,854
6	Fruits.....	dollars..	94,880	63	5,313	1,257	103	1,055	37	176
7	All other crops.....	dollars..	59,961		21,489					
SELECTED CROPS (acres harvested and production).										
8	Cereals:									
9	Total.....	acres..	14,929,806	94,180	496,802	423,301	21,211	408,656	38,627	265,770
10		bushels..	124,646,484	288,604	5,133,639	4,316,154	50,881	2,392,495	70,463	1,749,999
11	Corn.....	acres..	191,428	2,657	5,791	365	62	847	410	287
12	Oats.....	acres..	2,073,102	22,075	99,255	9,532	286	12,780	2,416	2,936
13		bushels..	3,876,883	8,451	70,403	63,136	1,829	38,827	1,917	42,825
14	Wheat.....	acres..	30,294,074	35,641	1,323,011	1,127,845	7,604	244,961	4,756	520,068
15		bushels..	9,098,042	71,387	317,552	255,695	18,231	274,857	27,890	185,932
16	Barley.....	acres..	61,540,404	196,690	2,583,016	2,291,852	40,375	1,071,035	54,082	1,036,043
17		bushels..	1,055,329	3,812	53,342	22,572	630	9,439	650	13,138
18	Rye.....	acres..	12,052,881	11,405	772,387	229,578	1,368	48,806	1,184	90,825
19		bushels..	2,422,563	7,411	40,038	79,882	450	84,382	7,502	23,255
20	Buckwheat.....	acres..	16,204,377	21,439	342,977	632,135	888	1,013,591	12,750	97,829
21		bushels..	7,308	136	30	660				
22	Kafir, milo, etc.....	acres..	434							83
23		bushels..	1,152							166
24	Emmer and spelt.....	acres..	49,662	308	719	1,259		239	199	172
25		bushels..	513,885	1,152	12,088	21,622		1,097	1,224	1,665
26	Other grains and seeds:									
27	Dry edible beans.....	acres..	743	12	14					
28		bushels..	4,860	12	62					
29	Flaxseed.....	acres..	649,949	2,950	23,990	14,972	1,475	4,766	76	11,397
		bushels..	2,972,082	7,708	132,751	76,150	2,181	8,025	167	43,708
30	Hay and forage:									
31	Total.....	acres..	4,035,803	44,738	91,550	65,044	38,149	93,406	30,043	45,930
32	All tame or cultivated grasses.....	tons..	3,765,377	20,241	159,130	80,534	12,380	55,851	8,670	43,430
33		acres..	543,704	4,248	20,100	6,840	2,372	8,950	911	5,687
34	Timothy alone.....	tons..	606,491	3,494	36,954	8,080	1,531	5,821	561	4,704
35		acres..	189,553	40	9,481	2,513	410	1,284	858	425
36	Timothy and clover mixed.....	tons..	172,757	35	10,086	2,481	66	672		
37		acres..	20,634		569	89	20	60		10
38	Clover alone.....	tons..	20,957		747	102	10	91		8
39		acres..	10,791	12	686	345	9	153		98
40	Alfalfa.....	tons..	12,789	7	918	448	5	91		74
41		acres..	58,356	1,122	2,444	356	706	308	375	159
42	Other tame or cultivated grasses.....	tons..	75,348	892	3,106	596	637	226	283	132
43		acres..	204,430	3,074	13,019	3,537	1,227	7,145	536	4,562
		tons..	324,640	2,560	22,097	4,453	813	4,741	278	4,065
44	Wild, salt, or prairie grasses.....	acres..	2,482,461	20,775	42,103	49,203	15,498	33,272	6,452	24,001
45		tons..	1,913,303	5,202	50,927	50,374	2,606	27,100	1,053	25,510
46	Small grains cut for hay.....	acres..	647,888	15,754	6,485	5,139	14,306	45,016	20,219	14,700
47		tons..	387,290	8,304	6,806	7,458	4,675	14,291	5,978	10,885
48	Annual legumes cut for hay.....	acres..	28,210	375	112	1,493	5,006	822	193	113
49		tons..	22,507	371	132	1,493	2,939	302	67	68
50	Silage crops.....	acres..	48,813	923	2,084	417	398			102
51		tons..	200,624	951	13,089	1,385		766		252
52	Corn cut for forage.....	acres..	278,455	2,657	14,660	1,052	900	4,905	2,261	1,067
53		tons..	619,970	1,912	43,721	6,874	621	7,398	1,014	1,800
54	Kafir, sorghum, etc., for forage.....	acres..	5,803	6	307		7	32	7	80
55		tons..	14,041	7	841		8	41	6	195
56	Root crops for forage.....	acres..	280					11		
57		tons..	1,091					33		
58	Vegetables:									
59	Potatoes (Irish or white).....	acres..	82,561	557	2,251	1,624	307	1,664	265	1,028
60		bushels..	4,717,556	13,865	142,845	67,361	7,871	60,050	4,743	46,232
		acres..	984	1	8	45	1	7		2
FRUITS.										
61	Small fruits:									
62	Total.....	acres..	524	1	22	14	6	11		4
63		quarts..	170,771	235	6,036	4,096	6	3,674	108	688
64	Strawberries.....	acres..	93		5	1		1		2
65	Raspberries.....	acres..	47,157		2,036	667	6	154	46	263
66		quarts..	101		3	3		3		1
67	Currants.....	acres..	38,943		1,551	819		2,319	10	154
68		quarts..	215	1	10	7		5		1
		quarts..	55,134	105	1,015	2,046		953	52	175
69	Orchard fruits:									
70	Total.....	trees not of bearing age..	49,090	145	1,054	226	53	64	300	76
71		trees of bearing age..	83,812	230	5,920	1,159	161	61	93	83
72		bushels harvested..	21,940	4	1,476	113	41	17	5	5
73	Apples.....	trees not of bearing age..	19,694	9	861	60	26	7	85	56
74		trees of bearing age..	26,157		2,158	302	33	14	5	
75	Plums and prunes.....	trees not of bearing age..	19,892	130	661	152	21	34	109	6
76		trees of bearing age..	41,254	62	2,739	707	101	20	51	79
77		bushels harvested..	5,680	1	273	68	1	1	4	4
78	Cherries.....	trees not of bearing age..	9,364	6	420	14	6	23	106	14
79		trees of bearing age..	15,877	163	1,003	136	27	27	37	4
80		bushels harvested..	1,836	3	94	14		1	1	1

AGRICULTURE—NORTH DAKOTA.

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AND PRODUCTION OF PRINCIPAL CROPS: 1919.

AGRICULTURE—NORTH DAKOTA.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		Kidder.	LaMoure.	Logan.	McHenry.	McIntosh.	McKenzie.	McLean.	Mercer.	Morton.	
VALUE OF ALL CROPS.											
1	Total.....	dollars.	3,012,064	6,351,886	3,297,077	4,510,433	4,361,525	2,222,977	7,561,451	2,061,554	3,852,904
2	Cereals.....	dollars.	1,344,140	4,171,514	1,947,682	2,819,453	2,995,577	1,048,008	5,374,146	1,479,279	2,771,743
3	Other grains and seeds.....	dollars.	255,698	230,978	194,490	57,376	307,818	118,336	506,908	102,000	85,289
4	Hay and forage.....	dollars.	1,340,755	1,713,948	1,080,244	1,452,801	955,712	931,934	1,402,252	384,406	802,168
5	Vegetables.....	dollars.	72,193	232,201	74,181	180,062	102,058	128,502	188,008	94,025	193,309
6	Fruits.....	dollars.	178	3,245	479	741	560	197	139	884	387
7	All other crops.....	dollars.									
SELECTED CROPS (acres harvested and production).											
8	Cereals:										
9	Total.....	acres.	170,623	355,050	204,798	406,728	229,004	132,330	495,589	146,592	286,375
10		bushels.	821,923	2,545,152	1,111,550	1,571,235	1,746,601	514,729	3,021,093	762,047	1,416,745
11	Corn.....	acres.	2,641	5,076	1,329	1,521	3,478	496	2,750	2,276	9,384
12	Oats.....	acres.	43,523	138,415	26,842	18,660	57,727	5,457	46,695	30,122	121,493
13	Wheat.....	acres.	18,503	39,483	5,874	46,639	5,177	9,124	59,918	11,021	18,898
14	Barley.....	acres.	173,820	508,453	64,886	272,064	60,971	70,433	647,190	83,010	129,074
15	Flaxseed.....	acres.	83,647	192,513	116,574	214,453	138,914	99,841	290,138	96,046	181,250
16	Buckwheat.....	acres.	302,672	1,023,819	485,102	766,444	692,033	308,529	1,525,150	468,408	885,098
17	Kafir, milo, etc.....	acres.	9,905	27,100	32,241	7,086	43,114	1,007	17,605	10,783	17,274
18	Rye.....	acres.	70,728	326,068	283,666	33,362	520,331	9,410	124,576	65,082	110,179
19		bushels.	54,312	88,303	46,198	136,211	35,613	20,800	121,145	21,678	38,222
20		bushels.	220,444	432,908	226,527	476,338	387,602	57,774	641,761	88,154	160,435
21		bushels.				107					
22		bushels.				422					
23		bushels.							228		20
24		bushels.							187		6
25	Emmer and spelt.....	acres.	1,395	1,665	2,582	711	2,708	416	3,629	3,054	1,051
		bushels.	9,686	21,309	24,537	3,945	27,937	3,016	34,858	23,022	6,502
Other grains and seeds:											
26	Dry edible beans.....	acres.	2			19	2	18	1	75	21
27		bushels.				19	24	25	5	407	183
28	Flaxseed.....	acres.	15,445	8,849	11,366	2,965	16,012	6,457	42,055	8,000	11,285
29		bushels.	36,714	28,618	43,310	4,429	68,732	13,202	121,771	21,475	18,427
Hay and forage:											
30	Total.....	acres.	106,482	78,836	86,888	137,527	71,061	108,089	114,211	73,606	149,666
31	All tame or cultivated grasses.....	tons.	86,999	115,556	69,828	96,207	61,994	54,099	91,482	25,007	51,830
32		acres.	4,626	17,546	3,423	11,099	1,433	13,704	10,490	8,127	11,605
33	Timothy alone.....	tons.	4,604	25,873	3,887	11,249	2,136	16,481	8,448	2,085	7,938
34	Timothy and clover mixed.....	tons.	358	5,750	168	316	39	126	641	7	148
35		acres.				171	60	10	14	55	4
36		tons.				171	80	60	10	55	1
37		tons.				128	70	60	21	35	3
38	Clover alone.....	acres.	27	57		91		481	48	43	228
39		tons.	16	74		91		335	48	39	132
40	Alfalfa.....	acres.	805	889	14	550	27	9,006	1,138	466	2,413
41		tons.	1,063	1,436	24	431	48	13,809	1,521	389	2,405
42	Other tame or cultivated grasses.....	acres.	3,376	10,134	3,138	9,806	1,360	3,115	8,608	2,610	8,004
43		tons.	3,187	18,490	3,025	10,351	2,089	2,190	6,303	1,651	5,316
44	Wild, salt, or prairie grasses.....	acres.	94,876	40,389	81,909	90,687	67,800	48,105	87,891	59,794	112,060
45		tons.	75,058	44,762	63,758	58,395	57,059	13,974	64,653	17,237	27,834
46	Small grains cut for hay.....	acres.	3,590	8,179	631	27,933	957	40,017	9,072	8,559	18,914
47		tons.	1,965	12,353	544	11,351	699	18,034	8,595	3,974	9,405
48	Annual legumes cut for hay.....	acres.	98	381	40	918	351	3,010	456	782	321
49		tons.	85	403	20	477	242	2,072	400	218	331
50	Silage crops.....	acres.	898	2,206	224	1,033	154	464	823	186	542
51	Corn cut for forage.....	tons.	1,904	8,553	550	3,009	770	539	2,011	328	1,029
52		acres.	2,326	9,952	647	5,797	351	2,202	5,245	1,119	6,036
53	Kafir, sorghum, etc., for forage.....	tons.	3,226	23,001	1,053	11,595	993	2,161	7,039	1,099	5,672
54		acres.	78	203	4		15	586	233	59	98
55	Root crops for forage.....	tons.	157	604	10		45	820	327	66	119
56		acres.			6	131		18	1	9	2
57		tons.									
Vegetables:											
58	Potatoes (Irish or white).....	acres.	542	941	498	1,381	1,002	804	1,218	702	1,370
59		bushels.	10,154	68,776	20,789	55,220	25,648	31,813	47,461	21,335	50,248
60	Other vegetables.....	acres.	9	6	2	18	50	13	4	31	15
FRUITS.											
61	Small fruits:										
62	Total.....	acres.	2	14	8	6	5	1	2	13	2
63	Strawberries.....	quarts.	670	5,269	1,800	2,130	1,025	560	558	3,692	540
64		acres.	1	4	1		2	91	165	465	99
65	Raspberries.....	quarts.	210	2,015	508	74	321			3	
66		acres.				1				347	76
67	Currants.....	quarts.		545	50	213	109	25	1	1	2
68		acres.		1	6	5	3				
69	Orchard fruits:										
70	Total.....	trees not of bearing age.	18	1,948	425	455	488	339	277	262	330
71		trees of bearing age.	96	4,107	584	1,489	846	543	52	225	822
72		bushels harvested.	9	873	30	108	149	36	6	27	107
73	Apples.....	trees not of bearing age.	3	708	62	83	128	109	60	59	175
74		trees of bearing age.	19	835	19	90	174	19	8	66	291
75	Plums and prunes.....	trees not of bearing age.	6	869	201	272	179	121	215	86	63
76		trees of bearing age.	55	2,623	395	1,171	579	150	44	97	386
77		bushels harvested.	2	411	26	71	113	32	3	11	33
78	Cherries.....	trees not of bearing age.	9	373	162	100	181	109	2	118	92
79		trees of bearing age.	22	643	170	228	93	374	62	145	
80		bushels harvested.	2	51	3	11	10	4	5	15	

AGRICULTURE—NORTH DAKOTA.

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AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

AGRICULTURE—NORTH DAKOTA.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

		Stark.	Steele.	Stutsman.	Towner.	Trail.	Walsh.	Ward.	Wells.	Williams.
VALUE OF ALL CROPS.										
1 Total.....	dollars.	1,176,233	6,478,645	9,021,953	8,523,258	9,183,997	14,704,327	9,279,820	6,155,090	6,193,441
2 Cereals.....	dollars.	898,833	4,661,007	5,392,527	7,401,207	6,078,372	11,605,321	6,849,030	4,660,923	4,621,785
3 Other grains and seeds.....	dollars.	11,085	450,449	462,318	464,436	575,780	543,243	292,075	119,038	399,457
4 Hay and forage.....	dollars.	107,540	1,140,218	2,817,910	502,411	1,708,237	1,464,498	1,317,582	1,184,254	987,087
5 Vegetables.....	dollars.	67,698	205,543	343,486	154,926	817,746	1,145,186	819,875	182,230	182,691
6 Fruits.....	dollars.	58	6,578	5,212	278	3,849	2,088	1,258	2,054	2,441
7 All other crops.....	dollars.	2,850	500	.....	13	4,043	.....	.....	.....	.....
SELECTED CROPS (acres harvested and production).										
8 Cereals:	acres.	138,073	264,564	495,522	405,887	260,588	473,592	496,066	420,739	317,136
9 Total.....	bushels.	412,910	2,810,154	3,287,933	4,225,815	3,383,501	6,818,708	8,632,518	2,652,315	2,321,387
10 Corn.....	acres.	1,402	1,909	4,535	311	1,485	360	1,305	1,256	633
11 Oats.....	bushels.	11,475	43,355	66,810	5,203	39,267	6,652	16,090	20,725	5,133
12 Wheat.....	acres.	7,281	49,485	73,800	67,516	48,414	80,028	67,285	54,878	36,046
13 Buckwheat.....	bushels.	22,825	795,741	834,747	1,133,819	769,335	2,004,527	700,162	655,289	388,242
14 Barley.....	acres.	115,905	102,468	201,919	221,492	181,710	204,742	239,197	272,539	202,864
15 Rye.....	bushels.	339,934	1,309,097	1,355,021	2,162,335	1,013,359	3,403,210	2,176,767	1,380,730	1,605,464
16 Buckwheat.....	acres.	7,137	32,649	41,287	16,470	32,791	56,593	17,613	23,922	9,427
17 Emmer and spelt.....	bushels.	21,637	460,132	399,003	152,634	452,763	865,147	107,222	217,576	57,821
18 Kafir, milo, etc.....	acres.	6,176	17,821	111,600	98,896	15,846	41,055	119,421	66,808	67,373
19 Alfalfa.....	bushels.	16,533	199,209	604,113	757,458	174,058	445,575	613,729	366,310	258,480
20 Flaxseed.....	acres.	.....	.....	40	227	60	5	.....	140	.....
21 Other grains and seeds:	bushels.	.....	.....	125	1,010	240	85	.....	800	.....
22 Dry edible beans.....	acres.	.....	.....	.....	.....	.....	.....	.....	.....	5
23 Flaxseed.....	bushels.	506	1,780	25,929	13,288	5,132	1,088	16,658	9,752	5,281
24 Hay and forage:	acres.	177	102	2,071	975	260	109	1,833	871	687
25 Emmer and spelt.....	bushels.	506	1,780	25,929	13,288	5,132	1,088	16,658	9,752	5,281
26 All tame or cultivated grasses.....	acres.	47,464	45,271	170,535	27,862	60,317	72,391	106,687	68,612	99,162
27 Timothy alone.....	tons.	13,081	76,613	185,108	32,426	118,919	98,411	87,258	78,504	63,421
28 Timothy and clover mixed.....	acres.	6,788	16,778	20,124	3,878	34,741	16,151	10,385	16,491	11,410
29 Clover alone.....	tons.	2,287	23,533	27,393	4,168	37,690	22,036	9,553	10,922	9,990
30 Alfalfa.....	acres.	522	7,790	4,386	843	23,900	4,216	1,345	4,092	862
31 Other tame or cultivated grasses.....	tons.	109	9,014	4,739	890	21,705	3,811	712	3,599	325
32 Timothy and clover mixed.....	tons.	50	678	285	244	1,795	208	211	55	188
33 Clover alone.....	tons.	8	715	398	248	1,990	235	78	69	106
34 Alfalfa.....	acres.	225	124	389	227	631	139	141	88	436
35 Other tame or cultivated grasses.....	acres.	81	227	402	265	863	169	133	120	434
36 Wild, salt, or prairie grasses.....	acres.	718	858	1,377	259	1,517	1,125	502	326	3,880
37 Silage crops.....	acres.	472	1,610	3,153	310	2,475	1,951	431	332	4,171
38 Corn cut for forage.....	acres.	5,275	7,328	13,187	2,305	6,898	10,463	8,188	11,030	6,044
39 Root crops for forage.....	acres.	1,617	11,907	18,611	2,485	10,657	15,870	8,199	10,832	4,054
40 Annual legumes cut for hay.....	acres.	8,901	17,135	121,246	20,441	10,020	32,847	71,645	36,803	44,416
41 Small grains cut for hay.....	tons.	1,089	24,299	114,270	24,668	10,376	33,085	55,959	37,539	28,887
42 Corn cut for forage.....	acres.	30,012	4,419	10,295	2,759	7,376	16,217	17,490	11,102	40,009
43 Other vegetables:	acres.	7,890	5,010	17,231	2,158	8,226	17,740	9,308	8,491	19,345
44 Potatoes (Irish or white).....	acres.	644	838	2,007	730	4,422	6,072	6,582	808	1,252
45 Other vegetables.....	bushels.	21,638	62,316	95,468	40,339	340,559	474,610	314,693	42,700	49,357
46 Vegetables:	acres.	2	40	72	31	4	10	54	4	18
FRUITS.										
47 Small fruits:	acres.	1	50	39	5	16	7	15	32	15
48 Strawberries.....	quarts.	157	12,683	15,783	699	6,927	2,458	4,740	7,879	3,456
49 Raspberries.....	quarts.	4	2,616	4,883	75	2,710	36	447	1,098	188
50 Currants.....	quarts.	12	6	6	6	2	1	6	1	1
51 Apples.....	quarts.	4,070	1,136	50	3,152	987	535	1,623	150	9
52 Orchard fruits:	quarts.	1	17	14	4	7	8	16	18	9
53 Total.....	trees not of bearing age.	134	1,509	2,057	299	412	210	2,749	64	2,338
54 Apples.....	trees of bearing age.	430	4,102	2,184	38	1,751	649	656	2,819	2,401
55 Apples.....	bushels harvested.	9	1,450	715	47	855	577	54	314	401
56 Cherries.....	trees not of bearing age.	63	707	649	213	234	46	425	8	37
57 Plums and prunes.....	trees not of bearing age.	46	1,617	311	634	391	138	290	63	34
58 Apples.....	bushels harvested.	5	895	183	493	510	20	63	193	28
59 Apples.....	trees of bearing age.	350	2,006	1,310	6	708	185	406	2,007	64
60 Apples.....	bushels harvested.	4	467	475	3	298	62	28	193	20
61 Cherries.....	trees not of bearing age.	28	328	643	38	73	79	253	112	147
62 Cherries.....	trees of bearing age.	34	473	655	319	73	112	510	58	429
63 Cherries.....	bushels harvested.	37	56	56	64	5	6	58	58	429

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COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919.

	THE STATE.	Adams.	Barnes.	Benson.	Billings.	Bottineau.	Bowman.	Burke.	Burleigh.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	12,833	133	812	236	108	306	126	226	200
Number with mortgage debt.....	40,462	581	803	741	372	1,037	537	804	790
Number with no mortgage report.....	3,622	34	125	146	56	112	26	81	58
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	22,623	232	569	417	221	680	172	307	297
Value of land and buildings..... dollars.....	380,132,941	1,963,671	15,151,721	7,241,865	1,906,410	10,232,949	1,130,500	4,482,680	3,817,485
Amount of mortgage debt..... dollars.....	108,284,682	558,448	4,833,599	2,092,249	634,030	3,291,530	417,985	1,489,289	1,013,380
Ratio of debt to value..... per cent.....	28.5	28.4	31.9	28.9	33.3	32.2	37.0	33.2	26.5
Average rate of interest paid..... per cent.....	6.7	6.7	6.3	6.9	7.3	7.0	6.8	7.3	6.6
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting..... number.....	51,752	497	1,800	1,380	153	1,375	265	914	830
Total expenditure..... dollars.....	37,063,815	141,243	1,702,831	1,340,823	69,270	577,989	117,450	448,143	507,583
Amount in cash..... dollars.....	27,678,182	105,295	1,328,298	1,038,801	49,212	400,324	82,416	346,249	383,282
Value of rent and board furnished..... dollars.....	9,386,633	35,948	404,593	302,022	20,053	177,665	35,043	101,894	144,291
Fertilizer:									
Farms reporting..... number.....	489	3	122	-----	2	8	3	6	9
Amount expended..... dollars.....	119,782	133	17,975	-----	1,100	2,136	400	680	8415
Feed:									
Farms reporting..... number.....	42,967	502	1,131	815	311	1,741	549	873	711
Amount expended..... dollars.....	12,382,661	110,125	344,620	200,782	118,210	652,364	220,031	248,643	162,725
	Cass.	Cavalier.	Dickey.	Divide.	Dunn.	Eddy.	Emmons.	Foster.	Golden Valley.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	473	291	140	188	205	72	287	78	163
Number with mortgage debt.....	798	1,031	610	1,187	971	355	741	324	470
Number with no mortgage report.....	90	97	58	20	94	32	100	39	24
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	508	675	291	661	621	171	297	197	298
Value of land and buildings..... dollars.....	17,926,839	15,462,937	7,973,160	7,656,237	6,785,508	4,011,010	5,484,645	5,188,115	2,962,631
Amount of mortgage debt..... dollars.....	4,730,297	3,757,161	2,018,067	2,398,500	2,462,378	1,133,010	1,346,407	1,252,038	1,143,769
Ratio of debt to value..... per cent.....	26.4	24.3	25.3	31.8	30.3	28.2	24.8	24.2	38.6
Average rate of interest paid..... per cent.....	6.1	6.5	6.1	7.5	7.2	6.4	6.5	6.6	7.8
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting..... number.....	2,208	1,603	826	1,204	516	1,250	739	556	346
Total expenditure..... dollars.....	2,976,820	1,365,222	672,103	518,231	222,315	502,768	336,423	587,022	101,183
Amount in cash..... dollars.....	2,299,032	1,061,760	492,571	439,610	160,749	402,634	249,067	450,823	131,415
Value of rent and board furnished..... dollars.....	677,788	303,482	179,532	78,712	61,566	101,132	87,356	136,190	56,768
Fertilizer:									
Farms reporting..... number.....	37	8	8	10	4	1	5	1	3
Amount expended..... dollars.....	9,936	3,579	975	1,161	581	280	1,305	100	321
Feed:									
Farms reporting..... number.....	1,173	817	660	1,080	757	1,304	483	328	409
Amount expended..... dollars.....	406,406	175,437	239,352	290,980	212,713	326,436	114,561	122,661	176,149
	Grand Forks.	Grant.	Griggs.	Hettinger.	Kidder.	La Moure.	Logan.	McHenry.	McIn- tosh.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	343	226	151	124	206	169	156	370	168
Number with mortgage debt.....	721	974	408	714	681	737	553	1,043	497
Number with no mortgage report.....	96	62	32	70	74	40	78	124	129
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	490	501	271	390	210	464	240	549	258
Value of land and buildings..... dollars.....	12,536,100	4,655,860	6,687,016	4,848,225	2,672,560	11,592,098	4,446,400	7,110,300	5,519,820
Amount of mortgage debt..... dollars.....	3,385,819	1,438,594	2,094,255	1,403,733	791,190	3,400,838	1,069,103	2,104,482	1,040,614
Ratio of debt to value..... per cent.....	27.0	30.9	31.3	30.8	29.8	29.9	24.0	29.6	18.9
Average rate of interest paid..... per cent.....	6.3	7.2	6.4	7.0	6.8	6.2	6.7	7.4	7.5
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting..... number.....	1,707	616	875	341	587	1,155	407	1,249	447
Total expenditure..... dollars.....	1,986,051	100,528	896,921	112,282	293,785	886,404	147,838	546,755	104,896
Amount in cash..... dollars.....	1,406,379	134,794	672,208	82,547	221,740	670,456	107,708	404,573	112,550
Value of rent and board furnished..... dollars.....	570,672	55,734	224,623	29,785	71,095	215,948	40,130	142,212	62,338
Fertilizer:									
Farms reporting..... number.....	10	7	4	8	5	4	10	5	-----
Amount expended..... dollars.....	1,749	548	1,755	8,818	1,035	910	1,073	1,726	-----
Feed:									
Farms reporting..... number.....	901	811	639	811	584	946	393	1,553	307
Amount expended..... dollars.....	240,905	100,125	195,701	156,013	137,228	339,620	70,884	566,485	33,050

AGRICULTURE—NORTH DAKOTA.

COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919—Contd.

	McKenzie.	McLean.	Mercer.	Morton.	Mounttrail.	Nelson.	Oliver.	Pembina.	Pierce.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	353	484	261	491	286	225	138	418	140
Number with mortgage debt.....	1,449	1,457	623	1,017	1,447	536	413	773	557
Number with no mortgage report.....	62	100	60	68	78	19	48	104	55
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	868	614	393	607	665	385	226	534	200
Value of land and buildings..... dollars.	5,904,160	7,469,095	5,157,790	7,303,583	4,676,100	8,483,284	2,547,034	11,617,625	4,723,108
Amount of mortgage debt..... dollars.	2,080,292	2,300,146	1,460,856	2,064,969	1,588,108	2,119,685	732,254	2,893,144	1,155,985
Ratio of debt to value..... per cent.	35.2	30.8	28.3	28.3	34.0	25.0	28.7	24.9	24.5
Average rate of interest paid..... per cent.	8.1	7.1	7.1	7.1	6.8	6.5	6.7	6.3	0.0

	McKenzie.	McLean.	Mercer.	Morton.	Mounttrail.	Nelson.	Oliver.	Pembina.	Pierce.
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting..... number.	810	1,604	590	900	1,259	1,114	312	1,471	707
Total expenditure..... dollars.	293,967	800,301	162,167	354,603	503,771	1,266,554	100,057	1,210,328	407,213
Amount in cash..... dollars.	216,013	596,998	123,460	264,265	402,690	936,348	77,082	922,463	310,817
Value of rent and board furnished..... dollars.	77,954	203,305	38,707	100,383	101,132	330,206	31,375	287,865	90,306
Fertilizer:									
Farms reporting..... number.	7	4	7	10	1	11	1	8	5
Amount expended..... dollars.	2,154	1,168	294	2,201	280	2,875	72	2,410	1,160
Feed:									
Farms reporting..... number.	1,141	1,337	451	906	1,804	521	246	910	770
Amount expended..... dollars.	301,766	339,603	101,440	218,047	325,486	121,483	47,833	236,901	184,018

	Ramsey.	Ransom.	Renville.	Richland.	Rolette.	Sargent.	Shoridan.	Sioux.	Slope.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	219	254	143	438	261	160	110	189	121
Number with mortgage debt.....	600	618	692	843	602	627	630	153	529
Number with no mortgage report.....	39	53	20	101	79	97	50	43	32
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	382	362	366	478	380	382	277	77	200
Value of land and buildings..... dollars.	8,815,339	8,056,246	5,752,378	12,507,020	4,978,095	11,084,270	3,842,978	492,800	2,544,525
Amount of mortgage debt..... dollars.	2,624,478	2,299,569	1,681,471	3,199,785	1,434,398	2,800,334	900,949	152,380	994,285
Ratio of debt to value..... per cent.	29.8	25.7	29.2	25.6	28.8	25.3	29.0	30.9	30.1
Average rate of interest paid..... per cent.	6.4	6.1	7.2	6.2	7.0	6.2	7.4	7.8	7.4
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting..... number.	1,255	1,029	686	1,804	833	1,059	508	194	307
Total expenditure..... dollars.	1,580,370	839,022	285,150	1,363,607	497,048	870,498	183,740	78,010	157,410
Amount in cash..... dollars.	1,199,139	591,930	213,600	883,768	380,031	630,321	139,370	60,148	113,289
Value of rent and board furnished..... dollars.	387,231	247,092	81,650	494,849	116,417	231,147	44,370	17,802	44,130
Fertilizer:									
Farms reporting..... number.	4	9	5	26	22	4	4	2	1
Amount expended..... dollars.	1,695	1,651	908	8,578	3,998	450	1,020	110	400
Feed:									
Farms reporting..... number.	685	697	904	1,003	643	634	646	265	403
Amount expended..... dollars.	254,207	189,036	352,675	204,823	177,033	193,896	138,502	57,400	175,117

	Stark.	Steele.	Stutsman.	Towner.	Trail.	Walsh.	Ward.	Wells.	Williams.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	284	144	258	87	344	676	306	230	316
Number with mortgage debt.....	792	375	1,205	448	390	1,026	1,557	765	1,764
Number with no mortgage report.....	44	41	119	19	50	76	77	82	73
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	516	259	643	280	258	773	857	432	955
Value of land and buildings..... dollars.	6,148,045	7,889,455	11,474,403	6,580,020	7,644,340	18,311,684	10,144,338	8,531,806	7,725,600
Amount of mortgage debt..... dollars.	1,980,607	1,900,968	3,772,424	1,973,904	2,001,820	4,432,557	8,101,835	2,452,307	2,659,461
Ratio of debt to value..... per cent.	32.2	24.2	32.9	30.0	26.2	24.2	30.6	28.7	34.4
Average rate of interest paid..... per cent.	7.4	6.2	6.4	6.6	6.2	6.3	7.3	6.8	7.8
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting..... number.	424	938	1,811	887	1,168	1,559	1,070	1,224	1,590
Total expenditure..... dollars.	185,953	1,206,144	1,202,881	907,054	1,636,943	1,044,916	748,515	911,630	648,158
Amount in cash..... dollars.	133,949	942,441	918,674	675,810	1,208,913	767,083	579,609	677,847	506,610
Value of rent and board furnished..... dollars.	52,004	283,703	284,207	231,244	427,030	277,828	168,908	235,783	141,548
Fertilizer:									
Farms reporting..... number.	2	5	12	5	7	11	12	5	18
Amount expended..... dollars.	350	9,118	6,211	1,704	770	4,339	3,786	1,305	4,104
Feed:									
Farms reporting..... number.	920	441	1,378	568	493	663	1,779	900	1,624
Amount expended..... dollars.	319,703	123,964	443,200	203,427	155,730	162,141	546,043	335,700	394,837

IRRIGATION—NORTH DAKOTA.

INTRODUCTION.

The following pages present the statistics of irrigation for the state of North Dakota collected at the census of 1920. Statistics of acreage irrigated, of acreage, yield, and value of crops grown on irrigated land, and of cost of operation and maintenance relate to the year 1919; other items relate to the year 1920. Throughout the report figures for the census of 1910 are given for purposes of comparison; and, for the

purpose of showing the historical development of irrigation, items which have been reported in censuses previous to 1910 are presented.

Statistics of number of farms irrigated and of acreage, yield, and value of crops grown on irrigated land were collected in the general census of agriculture. All other statistics were obtained in a special canvass of irrigation enterprises.

TABLE 1.—SUMMARY FOR THE STATE: 1920 AND 1910.

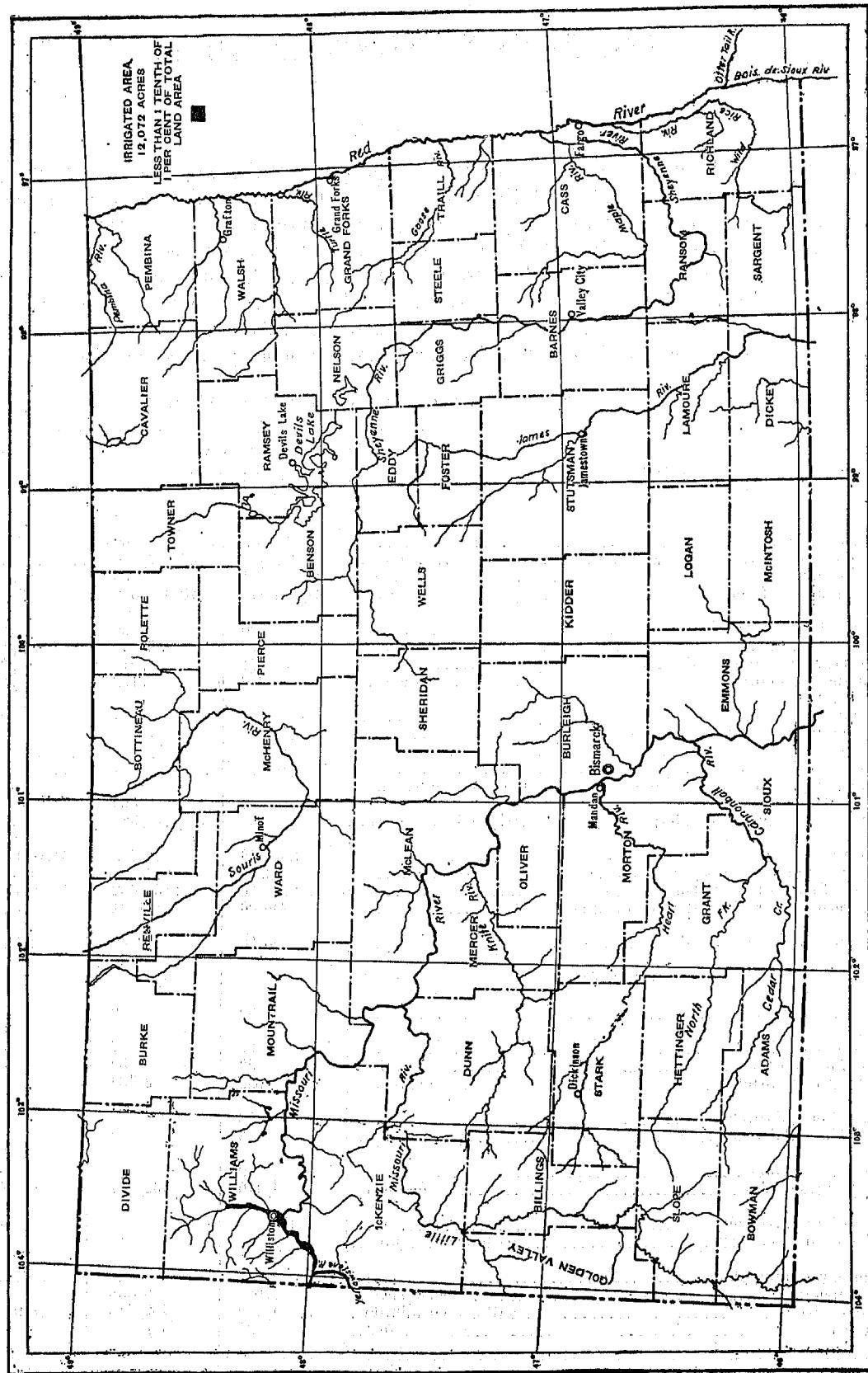
ITEM.	CENSUS OF—		INCREASE. ¹	
	1920	1910	Amount.	Per cent.
Number of all farms.....	77,690	74,360	3,330	4.5
Approximate land area of the state.....acres.....	44,917,120	44,917,120		
All land in farms.....acres.....	36,214,751	28,426,650	7,788,101	27.4
Improved land in farms.....acres.....	24,563,178	20,455,092	4,108,086	20.1
Number of farms irrigated.....	340	69	271	.....
Area irrigated.....acres.....	12,072	10,248	1,824	17.8
Area enterprises were capable of irrigating.....acres.....	34,235	21,917	12,318	56.2
Area included in enterprises.....acres.....	57,476	38,173	19,303	50.6
Per cent irrigated:				
Number of all farms.....	0.4	0.1	0.3	.....
Approximate land area of the state.....	(²)	(²)		
Land in farms.....	(²)	(²)		
Improved land in farms.....	(²)	0.1		
Excess of area enterprises were capable of irrigating over area irrigated.....acres.....	22,163	11,669	10,494	89.9
Excess of area included in enterprises over area irrigated.....acres.....	45,404	27,925	17,479	62.6
Capital invested.....	\$1,857,118	\$836,482	\$1,020,636	122.0
Average per acre enterprises were capable of irrigating.....	\$84.25	\$88.17	\$16.08	42.1
Estimated final cost of existing enterprises.....	\$2,072,786	\$836,482	\$1,236,284	147.8
Average per acre included in enterprises.....	\$36.06	\$21.91	\$14.15	64.6
Average cost of operation and maintenance per acre.....	\$5.50	\$28.40	-\$22.90	-80.6
IRRIGATION WORKS.				
Number of enterprises.....	30	49	-19	.....
Number of main ditches.....	32	47	-15	.....
Length of main ditches.....miles.....	58	52	6	.....
Capacity of main ditches.....second-feet.....	836	2,161	-1,325	-61.3
Number of lateral ditches.....	58	46	12	.....
Length of lateral ditches.....miles.....	93	74	19	.....
Number of reservoirs.....	9	22	-13	.....
Capacity of reservoirs.....acre-feet.....	1,110	132,187	-131,077	-99.2
Number of pumped wells.....	(³)	1	-1	.....
Capacity of pumped wells.....gallons per minute.....	(³)	15	15	.....
Number of pumping plants.....	4	4		
Engine capacity.....horsepower.....	2,068	2,038	30	1.5
Pump capacity.....gallons per minute.....	51,250	182,115	-130,865	-71.9
Average lift.....feet.....	38	(⁴)	38	.....

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.
² Less than one-tenth of 1 per cent.

³ Not reported in 1920.
⁴ Not reported in 1910.

NORTH DAKOTA

APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND.



EXPLANATION OF TERMS.

Farms irrigated.—The number of "farms irrigated" is the number on which irrigation is practiced, and for the purposes of this inquiry a "farm" is defined as for the general census of agriculture; that is, to be classed as a farm an establishment either must be 3 acres in extent or must have produced crops to the value of \$250 in 1919, or must have required for its agricultural operations the continuous services of at least one person. "Number of farms irrigated" as used in this report and in that of 1910, is equivalent to the term "number of irrigators" used in census reports on irrigation previous to 1910.

Irrigation enterprise.—An "enterprise" is an independent irrigation establishment and includes the works for supplying water and the land to which water is supplied or is to be supplied, except that the cost or value of the land is not included in the "capital invested."

Acreage irrigated, in enterprises, and available for settlement.—Acreage irrigated is the acreage to which water was actually applied in the season preceding the census year—1919 for the Fourteenth Census and 1909 for the Thirteenth Census.

Acreage to which enterprises were capable of supplying water relates to the season following the time of taking the census and, consequently, is based on estimates made by those controlling the enterprises.

Acreage included in enterprises represents the extent of the plans of those controlling enterprises.

Acreage of irrigated land reported as available for settlement relates to land within existing enterprises and not to land that is susceptible of reclamation and settlement by new enterprises or extensions of existing enterprises.

Types of enterprises.—The types of enterprises under which all data are classified are as follows:

United States Reclamation Service enterprises, which operate under the Federal law of June 17, 1902, providing for the construction of irrigation works with the receipts from the sale of public lands. In addition to serving land within its own projects, the United States Reclamation Service supplies stored water to land within other enterprises.

United States Indian Service enterprises, which operate under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

Carey Act enterprises, which operate under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

Irrigation districts, which are public corporations that operate under state laws providing for their organization and management, and empowering them to issue bonds and levy and collect taxes with the object of obtaining funds for the purchase or construction and for the operation and maintenance of irrigation works.

Cooperative enterprises, which are controlled by the water users under some organized form of cooperation. The most common form of organization is the stock company, the stock of which is owned by the water users.

Commercial enterprises, which supply water for compensation to parties who may own no interest in the works.

Individual and partnership enterprises, which belong to individual farmers or to neighboring farmers, who control them without formal organization.

Capital invested.—The capital invested in irrigation enterprises is that reported by the owners. For the larger works the capital invested is taken, in most cases, from books of account and represents the actual investment. In the case of most of the private and partnership and many of the cooperative enterprises, however, the works were built by their owners without records of money or labor expended, and the capital reported represents the owners' estimates. The schedules used in 1910 called for "cost," while the

schedules used in the present census called for "capital invested," but the instructions accompanying the schedules make these two terms equivalent. In both cases the investment includes cost of construction and of acquiring rights. The latter usually consists of filing fees only, but in some instances it includes the purchase price of rights. However, these cases are so rare that they are unimportant. The cost reported for 1900 is designated "cost of construction," but probably includes the cost of acquiring rights, as in 1910. For the Thirteenth and Fourteenth Censuses the average cost per acre is based on the acreage which enterprises were capable of irrigating in the census year and the cost to the date of the census—January 1, 1920, for the Fourteenth Census, and July 1, 1910, for the Thirteenth Census.

Operation and maintenance.—Cost of operation and maintenance was not reported on all schedules, and averages are based on the acreages for which cost is reported. No estimate of total cost of operation and maintenance for all irrigation enterprises has been made. In the case of enterprises operating pumping plants the cost of operation and maintenance includes cost of fuel and attendance.

Water rights.—The acreage irrigated has been classified by the character of rights under which water is received. The classes used are defined as follows:

"*Appropriation and use*" includes all rights acquired without formalities of any kind that have not been defined by the courts.

"*Notice filed and posted*" includes rights for which claims of some kind have been either posted or filed that have not been defined by the courts.

"*Adjudicated by court*" includes all rights that have been defined by the courts.

"*Permit from state*" includes all rights initiated under laws requiring any party wishing to acquire rights to obtain a permit from the state.

"*Certificate or license from the state*" includes rights acquired under laws providing for the issuing by the state of certificates or licenses defining rights acquired.

"*Riparian rights*" includes rights based on the ownership of riparian land.

"*Underground*" represents water taken from wells.

Source of water supply.—In classifying acreage by source of supply from which water for irrigation is obtained, in 1910 acreage was credited to what seemed to be the principal source of supply, while in the census of 1920 the attempt is made to represent the facts more nearly by presenting various mixed classes.

Date of beginning.—The date of beginning of irrigation enterprises is, in some cases, the date when construction began, and, in other cases, the date of filing a claim or of applying for a permit. If a filing or application for permit was made and work was begun and continued with reasonable diligence the date of filing is considered the date of beginning, otherwise the date of construction is taken as the date of beginning.

Drainage basin.—The drainage basin of a stream is all of the land drained by the stream and its tributaries.

Units of quantity and capacity.—Capacities of canals, reservoirs, wells, pumps, and engines, and quantities of water used are expressed in the units commonly used in engineering literature to express the same items. They are as follows:

Capacities of canals and volumes of flowing water are given in second-feet, a shorter equivalent for cubic feet per second.

Capacities of wells and pumps are given in gallons per minute. Four hundred and fifty gallons per minute equal 1 second-foot.

Capacities of reservoirs are given in acre-feet. An acre-foot is the quantity of water that will cover 1 acre to a depth of 1 foot. It equals 43,560 cubic feet.

Capacities of engines and motors are given in horsepower. One horsepower is the power required to lift 33,000 pounds through a vertical distance of 1 foot in 1 minute of time.

IRRIGATION—NORTH DAKOTA.

CLIMATIC CONDITIONS.

Throughout the state of North Dakota the precipitation is, in normal years, sufficient for the maturing of crops, without irrigation, the normal rainfall for the state being 17.92 inches. In the western part of the state, however, the precipitation is below the average for the state, and irrigation is practiced to a limited extent. In 1919 the precipitation was below the normal, being below 15 inches over most of the western half of the state, and below 10 inches over the southwestern part of the state. This low precipitation resulted in a short supply of water for irrigation where water is taken from small local streams, and it is probable that some land was not irrigated in 1919 which would have been if water had been available.

WATER SUPPLY FOR IRRIGATION.

The whole of that part of the state of North Dakota within which irrigation is practiced lies within the drainage basin of Missouri River and its tributaries. With the exception of the Missouri itself these streams are plains streams and subject to drouth when local rainfall fails. The Missouri is fed by mountain streams, and supplies sufficient water for the limited area receiving water from it.

There are many artesian wells in the state, but they are not used for irrigation.

F FARMS AND ACREAGE IRRIGATED.

TABLE 2.—NUMBER OF FARMS AND ACREAGE IRRIGATED: 1890 TO 1920.

CENSUS YEAR	FARMS IRRIGATED.			AREA IRRIGATED.				
	Number.	Per cent of increase.	Per cent of all farms.	Acres.	Per cent of increase.	Per cent of total land area.	Per cent of land in farms.	Per cent of improved land in farms.
1920.....	340	392.8	0.4	12,072	17.8	(1)	(1)	(1)
1910.....	69	27.8	0.1	10,248	110.3	(1)	(1)	0.1
1900.....	54	671.4	0.1	4,872	904.8	(1)	(1)	(1)
1890.....	7	.....	(1)	445	.....	(1)	(1)	(1)

¹ Less than one-tenth of 1 per cent.

TABLE 3.—ACREAGE, CLASSIFIED BY DATE OF BEGINNING OF ENTERPRISES SUPPLYING WATER FOR IRRIGATION.

DATE OF BEGINNING	Number of enterprises.	Area included in enterprises, 1920 (acres).	AREA IRRIGATED IN 1919.		Area enterprises were capable of irrigating in 1920 (acres).
			Acres.	Per cent of acreage in enterprises.	
Total.....	30	57,476	12,072	21.0	34,235
1880-1889 ¹	3	2,100	595	28.3	1,000
1890-1899.....	5	2,130	458	21.5	1,520
1900-1904.....	9	4,967	955	19.2	3,255
1905-1909.....	2	46,031	8,766	19.0	26,238
1910-1914.....	1	325	285	87.7	325
1915-1919.....	6	1,128	330	29.3	1,042
Not reported.....	4	795	683	85.9	795

¹ Dakota Territory.

TABLE 4.—ACREAGE, CLASSIFIED BY SOURCE OF WATER SUPPLY: 1919 AND 1909.

CLASS.	AREA IRRIGATED (ACRES).			Area enterprises were capable of irrigating in 1920 (acres).	Area included in enterprises, 1920 (acres).
	1919	1909	Increase. ¹		
			Amount.		
Total.....	12,072	10,248	1,824	17.8	34,235
Streams, gravity.....	9,030	7,153	1,877	26.2	21,241
Streams, pumped.....	2,469	1,614	855	53.0	12,208
Wells, pumped.....	1	1	-1	.....	.....
Springs.....	200	200	-200	.....	.....
Stored storm water.....	505	1,280	-772	-60.3	606
Other mixed.....	65	65	65	.....	90

¹ A minus sign (—) denotes decrease.

ACREAGE, BY CHARACTER OF ENTERPRISE.

An irrigation district law was enacted in North Dakota in 1917, and a district has been organized to take over the Williston project of the United States Reclamation Service, but this project is credited to the Reclamation Service in Table 5 because the Government built the works and still controls them to a large extent.

North Dakota has not accepted the conditions of the Federal Carey Act (act of Congress, Aug. 18, 1894).

TABLE 5.—ACREAGE, CLASSIFIED BY CHARACTER OF ENTERPRISE: 1920 AND 1910.

ITEM AND CLASS.	CENSUS OF—		INCREASE. ¹	
	1920	1910	Amount.	Per cent.
ACREAGE IRRIGATED.				
Total.....	12,072	10,248	1,824	17.8
Individual and partnership.....	3,806	8,638	-5,832	-61.7
U. S. Reclamation Service.....	8,766	1,610	7,156	444.5
ACREAGE ENTERPRISES WERE CAPABLE OF IRRIGATING.				
Total.....	34,235	21,917	12,318	56.2
Individual and partnership.....	7,997	9,821	-1,824	-18.6
U. S. Reclamation Service.....	26,238	12,090	14,142	116.9
ACREAGE INCLUDED IN ENTERPRISES.				
Total.....	57,476	38,173	19,303	50.6
Individual and partnership.....	11,445	13,603	-2,248	-16.4
U. S. Reclamation Service.....	46,031	24,480	21,551	88.0

¹ A minus sign (—) denotes decrease.

ACREAGE, BY CHARACTER OF WATER RIGHTS.

The laws of North Dakota relating to water rights are summarized in the following paragraphs:

North Dakota was organized from a part of Dakota territory and admitted to the Union in 1889.

The constitution of the state made the following declaration regarding water: "All flowing streams and natural water sources shall forever remain the property of the state for mining, irrigation, and manufacturing purposes." (Sec. 210.)

In 1905 the state adopted a comprehensive code covering the subject of water rights.

This code contained the following general provision: "All waters within the limits of the state from all sources of water supply belong to the public and, except as to navigable waters, are subject to appropriation for beneficial use." (Laws 1905, ch. 34, sec. 1.)

IRRIGATION—NORTH DAKOTA.

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Under this law any party wishing to acquire water rights is required to apply to the state engineer for a permit. When works are completed the state engineer issues a certificate of completion, and when water has been put to use a license is issued.

The law of 1905 provided the machinery for a complete adjudication of all rights to water. The state engineer was to make hydrographic surveys of all streams and ditches, and, when these surveys were completed, file reports with the attorney general of the state, "who shall, within 60 days thereafter, enter suit on behalf of the state for the determination of all rights to the use of such water." (Laws 1905, ch. 34, secs. 14 and 15.) Table 6 indicates that this provision of the law has not been carried out.

TABLE 6.—ACREAGE IRRIGATED, CLASSIFIED BY CHARACTER OF RIGHTS UNDER WHICH WATER IS RECEIVED: 1919 AND 1909.

CLASS.	1919		1909 per cent of total.
	Acres.	Per cent of total.	
Total.....	12,072	100.0	100.0
Appropriation and use.....	6,348	52.6	88.9
Notice filed and posted.....	2,328	19.3	6.8
Permit from state.....	2,936	24.3	4.3
Not reported.....	400	3.8	(1)

¹ All land for which the class of water rights was reported was included in "Appropriation and use."

ACREAGE, BY DRAINAGE BASIN.

The report of a special irrigation census taken in 1902 presented all data by drainage basins rather than by counties. The results of the census of 1920 have been tabulated on the same basis, and the data for 1902 are presented for purposes of comparison. For no other census have the results been tabulated in this form. The acreage reported for each drainage basin in 1919 comprises all the irrigated land in that drainage basin, including that watered from springs and wells. In the 1902 results the acreages irrigated from springs and wells were reported separately in such a way that it is not possible to tell in what drainage basin these areas are situated. This area is so small, however, that the comparisons are not affected seriously.

TABLE 7.—ACREAGE IRRIGATED, CLASSIFIED BY DRAINAGE BASIN: 1919 AND 1902.

DRAINAGE BASIN.	AREA IRRIGATED (ACRES).			Area enter- prises were capable of irrigat- ing in 1920 (acres).
	1919	1902	Per cent of in- crease.	
Total.....	12,072	10,384	16.3	57,476
Missouri River and tributaries.....	12,072	9,444	27.8	57,476
Mouse River and tributaries.....	(1)	676	.....	.....
Red River of the North and tribu- tarries.....	(1)	6	.....	.....
Springs.....	(2)	256	.....	.....
Wells.....	(2)	2	.....	.....

¹ Not reported in 1919.

² Included in figures for streams.

CAPITAL INVESTED AND COST OF OPERATION AND MAINTENANCE.

**TABLE 8.—CAPITAL INVESTED IN IRRIGATION ENTERPRISES:
1890 TO 1920.**

CENSUS YEAR.	AMOUNT.	PER CENT OF INCREASE. ¹	AVERAGE PER ACRE.	
			AMOUNT.	PER CENT OF INCREASE.
1920.....	\$1,857,118	122.0	\$54.25	42.1
1910.....	836,482	.....	38.17	998.7
1900.....	16,980	.....	3.49	.....
1890.....	(2)	.....	.....	.....

¹ Per cent not shown when more than 1,000.

² Not reported in 1890.

TABLE 9.—CAPITAL INVESTED, CLASSIFIED BY DATE OF BEGINNING.

DATE OF BEGINNING.	AMOUNT.	PER CENT OF TOTAL.	AVERAGE PER ACRE.	
			AMOUNT.	PER CENT OF TOTAL.
Total.....	\$1,857,118	100.0	\$54.25	.....
1880-1890.....	8,000	0.4	7.55	.....
1890-1899.....	17,060	1.0	11.62	.....
1900-1904.....	37,714	2.0	11.59	.....
1905-1909.....	1,777,570	95.7	67.75	.....
1910-1914.....	2,000	0.1	6.15	.....
1915-1919.....	11,207	0.6	10.76	.....
Not reported.....	2,958	0.2	3.72	.....

¹ Dakota Territory.

**TABLE 10.—CAPITAL INVESTED, 1920, AND COST OF OPERATION
AND MAINTENANCE, 1919, CLASSIFIED BY SOURCE OF WATER
SUPPLY.**

[When water is pumped, cost of operation and maintenance includes cost of fuel and attendance.]

CLASS.	CAPITAL INVESTED, 1920.			OPERATION AND MAINTENANCE, 1919.
	AMOUNT.	PER CENT OF TOTAL.	AVER- AGE PER ACRE.	
Total.....	\$1,857,118	100.0	\$54.25	10,951 \$5.50
Streams, gravity.....	1,299,951	70.0	61.20	8,485 3.55
Streams, pumped.....	552,007	29.7	44.89	2,466 12.21
Stored storm water.....	4,860	0.3	7.69	.....
Other mixed.....	500	.....	5.56	.....

¹ Based on area irrigated in 1919.

**TABLE 11.—CAPITAL INVESTED, CLASSIFIED BY DRAINAGE
BASIN: 1920 AND 1902.**

DRAINAGE BASIN.	1920	1902	INCREASE.
Total.....	\$1,857,118	\$45,087	\$1,812,031
Missouri River and tributaries.....	1,857,118	40,875	1,816,743
Mouse River and tributaries.....	(1)	3,637	.....
Red River of the North and tribu- tarries.....	(1)	300	.....
Springs.....	(2)	000	.....
Wells.....	(2)	175	.....

¹ Not reported in 1920.

² Included in figures for streams.

IRRIGATION—NORTH DAKOTA.

TABLE 12.—CAPITAL INVESTED, 1920, AND COST OF OPERATION AND MAINTENANCE, 1919, CLASSIFIED BY CHARACTER OF ENTERPRISE.
[When water is pumped, cost of operation and maintenance includes cost of fuel and attendance.]

CLASS.	CAPITAL INVESTED, 1920.		OPERATION AND MAINTENANCE, 1919.	
	Amount.	Per cent of total.	Area for which cost is reported (acres).	Aver- age cost per acre. ¹
Total.....	\$1,857,118	100.0	10,951	\$5.50
Individual and partnership.....	81,693	4.4	2,185	0.79
U. S. Reclamation Service.....	1,775,425	95.6	8,766	0.67

¹ Based on area irrigated in 1919.

DRAINAGE OF IRRIGATED LAND.

The acreages reported in Table 13 relate to lands within the boundaries of irrigation projects, and do not include lands within the vicinity of these projects. "Additional acreage needing drainage" includes all lands so reported by the owners of the enterprises, and includes lands producing partial crops as well as those wholly unproductive.

TABLE 13.—ACREAGE WITHIN IRRIGATION ENTERPRISES FOR WHICH DRAINS HAVE BEEN INSTALLED AND ADDITIONAL ACREAGE IN NEED OF DRAINAGE: 1920.

Number of enterprises reporting land drained or needing drainage.....	8
Acreage included in enterprises reporting land drained or needing drainage.....	49,581
Acreage for which drains have been installed.....	1,612
Additional acreage needing drainage.....	650
Per cent that acreage for which drains have been installed is of total acreage included in enterprises reporting drainage.....	3.3
Per cent that acreage for which drains have been installed is of total acreage included in irrigation enterprises in the state.....	2.8
Per cent that acreage for which drains have been installed plus that needing drainage is of total acreage included in irrigation enterprises in the state.....	4.0

QUANTITY OF WATER USED.

The quantity of water used in 1919 was reported on only part of the irrigation schedules. While the data are incomplete, the reports represent sufficient acreages to serve as bases for reliable averages. In all cases in which the quantity is reported the water was measured.

TABLE 14.—QUANTITY OF WATER USED IN 1919.

Average volume of water entering canals.....	second-feet..	130
Area irrigated in 1919.....	acres..	8,766
Average number of acres per second-foot.....		87.4
Total quantity of water entering canals.....	acre-feet..	28,100
Area irrigated in 1919.....	acres..	8,766
Average quantity per acre.....	acre-feet..	3.2
Total quantity of water delivered.....	acre-feet..	11,636
Area irrigated in 1919.....	acres..	8,766
Average quantity per acre.....	acre-feet..	1.3

IRRIGATION WORKS.

TABLE 15.—IRRIGATION WORKS, CLASSIFIED BY DATE OF BEGINNING.

DATE OF BEGINNING.	Number of diverting dams.	Number of storage dams.	MAIN DITCHES.			LATERAL DITCHES.		RESERVOIRS.		Pipe lines, length (miles).	Number.	PUMPING PLANTS.		
			Number.	Capacity (second-feet).	Length (miles).	Number.	Length (miles).	Number.	Capacity (acre-feet).			Number.	Engine capacity (horse-power).	Number.	Capacity (gallons per minute).
Total.....	26	11	32	836	58	58	93	9	1,110	0.3	4	2,068	10	51,250
1880-1889 ¹ .	8	2	4	6										
1890-1899.	2	4	7	28	7	5	2	1	140		1	8	1	260
1900-1904.	9	2	10	327	11	4	3	6	563					
1905-1909.			2	371	26	22	6			0.3	2	2,040	8	50,000
1910-1914.	2	1	1	100	1	25	81							
1915-1919.	4	2	5	10	4	2	1	2	407		1	20	1	1,000
Not reported.	1		3		3									

¹ Dakota Territory.

TABLE 16.—IRRIGATION WORKS, CLASSIFIED BY CHARACTER OF ENTERPRISE: 1920.

CLASS.	Number of diverting dams.	Number of storage dams.	MAIN DITCHES.			LATERAL DITCHES.		RESERVOIRS.		Pipe lines, length (miles).	Number.	PUMPING PLANTS.		
			Number.	Capacity (second-feet).	Length (miles).	Number.	Length (miles).	Number.	Capacity (acre-feet).			Number.	Engine capacity (horse-power).	Number.	Capacity (gallons per minute).
Total.....	26	11	32	836	58	58	93	9	1,110	0.3	4	2,068	10	51,250
Individual and partnership.....	26	11	30	465	32	33	12	9	1,110	0.3	2	28	2	1,250
U. S. Reclamation Service.....			2	371	26	25	81			0.3	2	2,040	8	50,000

IRRIGATION—NORTH DAKOTA.

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CROPS.

TABLE 17.—ACREAGE, YIELD, AND VALUE OF PRINCIPAL CROPS GROWN ON IRRIGATED LAND, AND COMPARISONS WITH TOTALS FOR THE STATE: 1919 AND 1909.

[Totals for the state, used in making comparisons, are shown in state bulletin on agriculture.]

CROP.	AREA HARVESTED.					QUANTITY HARVESTED.				
	1919		1909		Per cent of increase. ¹	Unit.	1919		1909	
	Acres.	Per cent of total for state.	Acres.	Per cent of total for state.			Amount.	Per cent of total for state.	Amount.	Per cent of total for state.
Cereals:										
1 Oats.....	2,870	0.1	544	(2)	427.6	Bu....	30,555	0.1	25,655	(2)
2 Spring wheat.....	15,713	0.2	1,268	(2)	.....	Bu....	80,292	0.1	28,011	(2)
3 Barley.....	1,186	0.1	(2)	.....	.....	Bu....	10,565	0.1	(2)	186.6
4 Rye.....	2,040	0.1	(2)	.....	.....	Bu....	8,873	0.1	(2)	.....
Hay and forage:										
5 Small grains cut for hay.....	1,864	0.3	(2)	.....	.....	Tons...	906	0.2	(2)	.....
6 Other tame or cultivated grasses.....	1,028	0.4	(2)	.....	.....	Tons...	453	0.1	(2)	.....
7 Wild, salt, or prairie grasses.....	1,779	(2)	1,057	(2)	-26.3	Tons...	301	(2)	1,424	0.1

IRRIGATION—NORTH DAKOTA.

COUNTY TABLE.—ACREAGE IRRIGATED, 1919 AND 1909; AND ACREAGE IN ENTERPRISES, IRRIGATION WORKS, AND CAPITAL INVESTED IN IRRIGATION ENTERPRISES, 1920 AND 1910.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100, or when per cent is more than 1,000.]

	THE STATE.	McKenzie.	Williams.	All other counties.
1 Number of all farms in 1920.....	77,690	2,033	2,437	73,220
2 Number of farms irrigated in 1919.....	340	156	184	.....
3 Percent of all farms.....	0.4	7.7	7.6	.....
4 Number of farms irrigated in 1909.....	69	7	53	9
5 Percent of increase, 1909-1919.....	.....	.....	.....	.....
LAND AND FARM AREA.				
6 Approximate land area.....acres..	44,917,120	1,822,080	1,309,320	41,726,720
7 All land in farms.....acres..	36,214,751	1,231,370	987,569	33,995,812
8 Improved land in farms.....acres..	24,503,178	803,700	508,372	23,691,040
9 Area irrigated in 1919.....acres..	12,072	6,630	5,442	.....
10 Percent of improved land in farms.....	(1)	1.8	1.1	.....
11 Area irrigated in 1909.....acres..	10,248	850	8,043	1,355
12 Percent of increase, 1909-1910.....	17.8	680.0	-32.3	.....
13 Area enterprises were capable of irrigating in 1920.....acres..	34,235	14,720	19,509	.....
14 Area enterprises were capable of irrigating in 1910.....acres..	21,917	850	10,664	1,403
15 Percent of increase, 1910-1920.....	56.2	.....	-0.8	.....
16 Area included in enterprises in 1920.....acres..	57,476	21,424	36,052	.....
17 Area included in enterprises in 1910.....acres..	38,173	1,532	34,865	1,776
18 Percent of increase, 1910-1920.....	50.6	.....	3.4	.....
IRRIGATION WORKS.				
19 Independent enterprises:				
20 Number, 1920.....	30	4	26	.....
21 Number, 1910.....	49	6	34	9
22 Main ditches:				
23 Number, 1920.....	32	4	28	.....
24 Number, 1910.....	47	5	35	7
25 Length, 1920.....miles..	58	20	32	.....
26 Length, 1910.....miles..	52	8	40	4
27 Capacity, 1920.....second-feet..	836	276	560	.....
28 Capacity, 1910.....second-feet..	2,161	162	1,703	296
29 Laterals:				
30 Number, 1920.....	58	.....	58	.....
31 Number, 1910.....	46	16	30	.....
32 Length, 1920.....miles..	93	84	59	.....
33 Length, 1910.....miles..	74	1	73	.....
34 Reservoirs:				
35 Number, 1920.....	9	1	8	.....
36 Number, 1910.....	22	8	13	1
37 Capacity, 1920.....acre-feet..	1,110	400	710	.....
38 Capacity, 1910.....acre-feet..	132,187	25	132,157	5
39 Pumped wells:				
40 Number, 1920.....	1	.....	.....	1
41 Number, 1910.....	1	1	1	2
42 Engine capacity, 1920.....horsepower..	2,088	1,980	88	.....
43 Engine capacity, 1910.....horsepower..	2,038	30	2,000	3
44 Pump capacity, 1920.....gallons per minute..	51,250	.....	51,250	.....
45 Pump capacity, 1910.....gallons per minute..	182,115	2,000	180,000	115
Average lift, 1920.....feet..	38	.....	38	.....
CAPITAL INVESTED.				
46 Capital invested to Jan. 1, 1920.....dollars..	1,857,118	1,235,209	621,000	.....
47 Capital invested to July 1, 1910.....dollars..	836,482	6,663	781,100	48,719
48 Percent of increase, 1910-1920.....	122.0	.....	-20.4	.....
49 Average cost per acre based on area enterprises were capable of supplying with water in 1920.....dollars..	54.25	83.88	31.88	.....
50 Average cost per acre based on area enterprises were capable of supplying with water in 1910.....dollars..	38.17	7.84	39.72	34.72
ESTIMATED FINAL COST.				
51 Estimated final cost of existing enterprises in 1920.....dollars..	2,072,706	1,321,457	751,309	.....
52 Estimated final cost of existing enterprises in 1910.....dollars..	836,482	6,663	781,100	48,719
53 Percent of increase, 1910-1920.....	147.8	.....	-8.8	.....
54 Average cost per acre based on estimated final cost and area included in enterprises in 1920.....dollars..	36.06	61.08	20.84	.....
55 Average cost per acre based on estimated final cost and area included in enterprises in 1910.....dollars..	21.01	4.35	22.40	27.43

¹ Less than one-tenth of 1 per cent.

DRAINAGE—NORTH DAKOTA.

INTRODUCTION.

The following pages present the statistics of drainage for North Dakota collected at the census of 1920. The figures relate to conditions on January 1, 1920, except where indicated otherwise. No census of drainage has been taken heretofore, so there are no comparable figures for previous years. The data relate to the artificial drainage of land in farms, and of other land that ultimately will be used for agricultural purposes. The organized drainage enterprises may include considerable areas of unimproved land

not yet in farms. The statistics for drainage on farms were collected in the general census of agriculture, while the statistics for drainage enterprises were obtained in a special canvass of those enterprises. Since drainage on farms may be either inside or outside an organized enterprise, and the drains that each individual owner installs upon his own farm may be either supplemental to or entirely independent of the works installed by an enterprise, the figures for the two parts of the drainage census are presented separately.

TABLE 1.—SUMMARY FOR THE STATE: 1920.

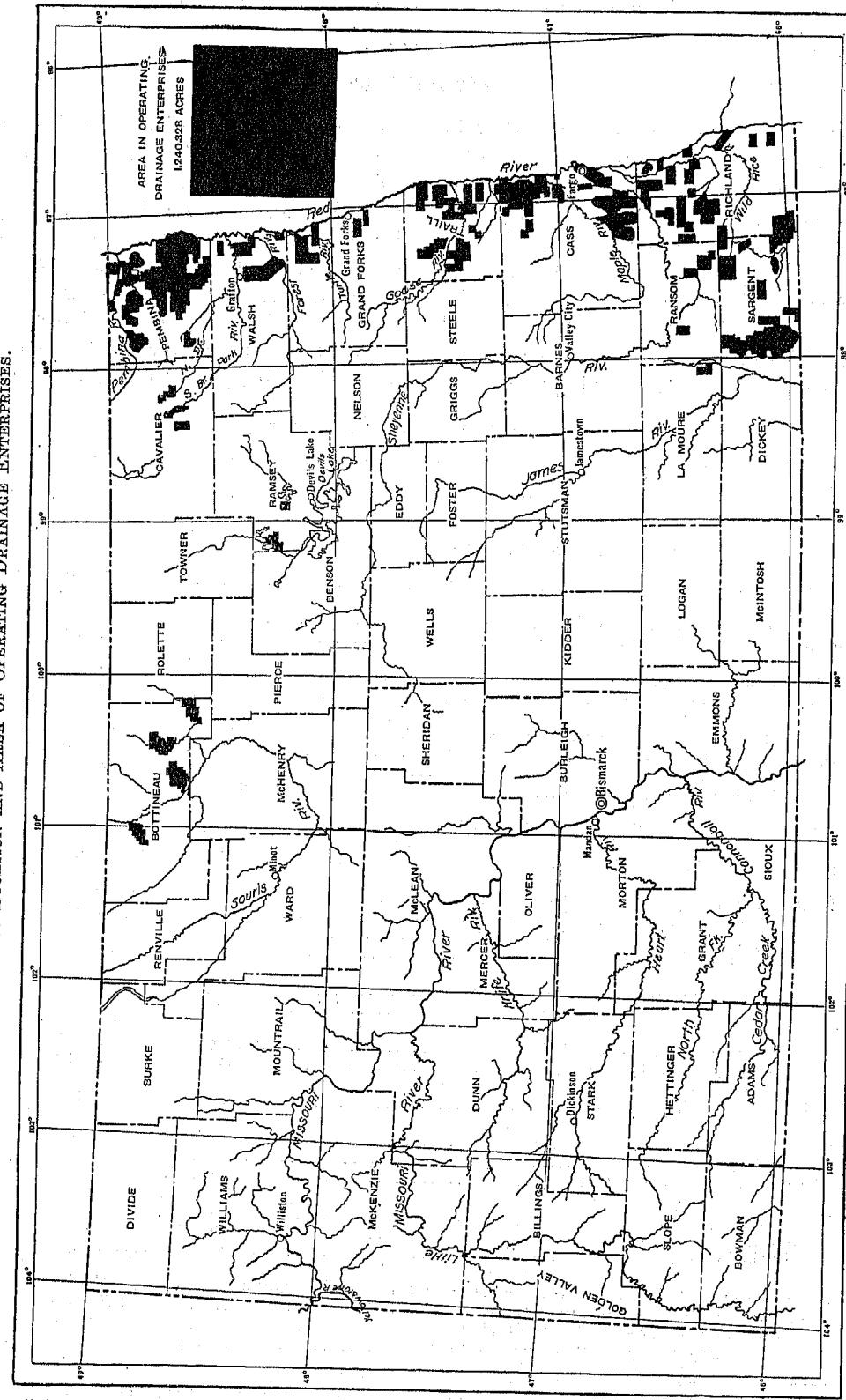
ITEM.	Amount.	Percent of total.
DRAINAGE ON FARMS.		
Number of all farms in the state.....	77,690	100.0
Farms reporting land having drainage.....	682	0.9
Farms reporting land needing drainage.....	2,669	3.4
All land in farms.....acres..	36,214,751	100.0
Improved land in farms.....acres..	24,563,178	67.8
Farm land reported as provided with drainage.....acres..	89,054	0.2
Farm land reported as needing drainage.....acres..	211,305	0.6
Needing drainage only.....acres..	53,161	0.1
Needing drainage and clearing.....acres..	158,144	0.4
DRAINAGE ENTERPRISES.		
Approximate land area of the state.....acres..	44,917,120	100.0
All land in operating drainage enterprises.....acres..	1,240,328	2.8
Improved land.....acres..	1,026,574	2.3
Per cent of all improved land in farms.....	4.2	
Unimproved land ¹.....acres..	213,754	0.5
Swampy, subject to overflow, seeped, or alkali.....acres..	12,332	(2)
Suffering a loss of crops from defective drainage.....acres..	4,819	(2)
Improved land prior to drainage.....acres..	691,005	1.5
Increase since drainage began.....acres..	335,569	0.7
Land in nonoperating enterprises.....acres..	8,000	(2)
Open ditches in operating enterprises.....miles..	712.3	100.0
Completed.....miles..	708.3	99.4
Additional under construction.....miles..	4.0	0.6
Tile drains in operating enterprises.....miles..	9.3	100.0
Completed.....miles..	9.3	100.0
Additional under construction.....miles..		
Total capital invested in and required for completion of operating enterprises.....\$	2,261,449	100.0
Capital invested in these enterprises to Dec. 31, 1919.....	2,208,049	97.6
Additional capital required to complete these enterprises.....	53,400	2.4
Average cost per acre when completed.....	1.82	

¹ No timber or cut-over land reported.

² Less than one-tenth of 1 per cent.

NORTH DAKOTA

APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES.



DRAINAGE ON FARMS.

Explanation of terms.—To secure uniformity in the returns relating to drainage on farms, the Bureau of the Census supplied its enumerators with certain definitions, which are substantially as follows:

Drainage of agricultural land was defined, for census purposes, as the act or process of drawing off an excess of water by underground conduits, pipes, or tiles, or by open or covered trenches in the surface of the ground, for the purpose of improving the condition of the soil and crops.

The area provided with drainage, in farms, is the acreage actually benefited or made of more value for agricultural purposes by artificial drainage, but does not include land on which only temporary work has been done, such as "bedding" the fields or laying out "dead furrows" to hasten the surface flow.

The area needing drainage, in farms, comprises the additional land not now suitable for crops which could be made available for cultivation (1) "by drainage only," which is the acreage needing no clearing or which is covered with grass, weeds, or other annual growth, and (2) "by drainage and clearing," which is the acreage covered with trees, stumps, or perennial woody shrubs.

Improved land in farms includes all land regularly tilled or mowed, land in pasture which has been cleared or tilled, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings.

Woodland in farms includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products.

Farms in drainage and levee districts are those for which the operators have answered affirmatively the question, "Has any part of this farm been afforded drainage or protection against overflow by a drainage or levee district, or by the state, the county, or a private company or individual?" Levee districts, however, generally are not included in the enterprises for which data are given in this report (see definition of drainage enterprises, below).

Farms and farm land.—The acreage shown for drainage on farms represents land where drainage is actually in operation and which has actually become more fully available for growing crops by reason of the drainage. This is to be distinguished from the area merely provided with outlet facilities by organized drainage enterprises. Drainage on farms represents in most cases the result of work done by the farm owner, either independently or supplemental to the work done by a drainage enterprise, but the acreage would include also any farm land receiving similar benefits directly from the works of an enterprise.

DRAINAGE ENTERPRISES.

Explanation of terms.—The more important terms used in connection with the census of drainage enterprises were defined as follows:

Drainage enterprises comprise public corporations and local improvement districts formed under state laws, commercial enterprises draining swamp or overflowed land for sale, other organizations that may be engaged in extensive land-drainage work, and also tracts of 500 acres or more drained by individual owners. Enterprises such as levee districts that have not authorized the construction of open ditches or tile drains are not included.

Enterprises located in more than one county were divided, for tabulation, and the part in each county treated as a separate enterprise, though the capacities of drainage pumping plants are given only in the counties in which the plants are located.

Operating enterprises, as designated in this bulletin, are those that had completed the drainage works authorized, or had at any rate begun actual construction work, on or before January 1, 1920; enterprises that had been established but had not begun construction are termed "nonoperating."

Land in drainage enterprises comprises the area that has been benefited or is to be benefited by the improvement works constructed by the enterprises. In the case of overlapping enterprises, deduction has been made for the amount of duplication.

All land in drainage enterprises is divided, without regard to drainage condition, into (a) improved land; (b) timber and cut over land, which would require clearing to be thoroughly fit for cultivation; and (c) all other unimproved land, which would not require expensive clearing before cultivation.

The assessed acreage for any single enterprise is the same as the area in that enterprise. However, the total assessed acreage may be considerably greater than the total land in enterprises, for in summing up the assessed acreage in the county or state, deduction was not made for acreage assessed in more than one enterprise.

Improved land in drainage enterprises consists very largely of improved farm land, though it may include some other improved land receiving benefit from the works of the enterprises.

Timber and cut-over land includes farm woodland of natural or planted forest trees as well as other timber land or areas that would need clearing of trees, stumps, or perennial woody shrubs.

Land designated as swampy or subject to overflow includes all land permanently or generally too wet for cultivation, land subject to periodical inundation by stream floods, seeped and alkali land in irrigated regions, and all other land unfit for cultivation by reason of insufficient drainage. This classification is without respect to the conditions as to improvement or timber.

The area suffering loss of crops is intended to include only land devoted to planted crops which suffer damage, either partial or complete, because of defective drainage. Land which would be cultivated if drained or protected against overflow is not included.

Capital invested, for the purpose of this investigation, was defined as cost, including charges for engineering, organization, rights of way, construction of drainage works, damages, land and buildings except those held for sale or farming, and any other expenditures properly chargeable to drainage and paid by the enterprise.

The drainage works of an enterprise include all varieties of underground conduits, pipes, or lines of tile, or drains of stone, wood, or other material; also open ditches and canals, together with accessory levees, dikes, dams, weirs, pumping machinery, gates, and other devices for the draining away or control of surface and soil waters.

Tile, as the term is here used, includes pipes of earthenware, concrete, or other material buried beneath the surface in such a way as to permit the excess water to flow away. The size, if circular, is expressed by the inside diameter in inches.

Ditches include all open artificial trenches, usually with sloping sides. The width is that of the bottom.

The type of drainage shows whether the drainage water from an enterprise is discharged by gravity or by pumping.

A pumping district is one where all or a part of the water from the drains collecting at a low point must be raised by some form of machinery in order that it may be removed from the area.

Drainage pumps include all kinds of machinery and devices for lifting the drainage water.

Pumping engines include all kinds of engines and motors for operating the drainage pumps.

DRAINAGE—NORTH DAKOTA.

Operating and nonoperating enterprises.—In most of the tables that follow, statistics are given for operating enterprises only. These enterprises, as already defined, include both those which have completed their drainage works and those with such works under construction; among the latter might be any that had completed the original plan of reclamation some years ago but were constructing extensions or enlargements on January 1, 1920. The nonoperating enterprises have a legal existence, though they have not yet accomplished any drainage. They may include districts that on the census date had completed their plans, sold bonds to cover the cost of the undertakings, and let contracts for the construction work, and also districts that had just been established by the drain commissioners and were still subject to considerable change in area, plan of drainage works, and cost.

TABLE 2.—LAND AND CAPITAL INVESTED IN ALL ENTERPRISES, CLASSIFIED AS BETWEEN OPERATING AND NONOPERATING ENTERPRISES: 1920.

CLASS.	LAND.		CAPITAL. ¹		
	Acreage.	Per cent of total.	To Dec. 31, 1919.		Additional required to complete.
			Amount.	Per cent of total.	
All organized enterprises.....	1,248,328	100.0	\$2,208,049	100.0	\$77,723
Operating enterprises.....	1,240,328	99.4	2,208,049	100.0	53,400
With works completed.....	1,100,044	88.1	1,863,788	84.4	.....
With works under construction.....	140,284	11.2	344,261	15.6	53,400
Nonoperating enterprises.....	8,000	0.6	.....	.....	24,323

¹ The inquiry asked for the "total cost of the enterprise to Dec. 31, 1919," and for an estimate of additional investment to complete."

Location of enterprises.—All but a small part of the area in drainage enterprises in North Dakota is in the extreme eastern part of the state, in the broad belt of comparatively level land which borders Red River. A small area in La Moure County is drained through James River to the Missouri, and the enterprises in Bottineau County are drained through Souris River.

TABLE 3.—LAND AND CAPITAL INVESTED IN ALL ENTERPRISES, CLASSIFIED BY DRAINAGE BASIN: 1920.

DRAINAGE BASIN.	LAND.		CAPITAL.		
	Acreage.	Per cent of total.	To Dec. 31, 1919.		Additional required to complete.
			Amount.	Per cent of total.	
All organized enterprises.....	1,248,328	100.0	\$2,208,049	100.0	\$77,723
Operating enterprises.....	1,240,328	99.4	2,208,049	100.0	53,400
Missouri River.....	3,300	0.3	22,500	1.0	.....
Red River.....	1,187,233	95.1	2,014,453	91.2	53,400
Souris River.....	49,795	4.0	171,096	7.8	.....
Nonoperating enterprises.....	8,000	0.6	.....	.....	24,323
Red River.....	8,000	0.6	.....	.....	24,323

Condition of land in enterprises.—The purpose of the drainage enterprises in this state has been the reclamation and improvement of swampy land or

land subject to overflow. None of the enterprises is for the drainage of irrigated land. The natural channels of the streams tributary to Red River where they cross the level bottom land are not adequate to carry the run-off from storms and from melting snow on the hills to the west. Many of the well-defined channels of small and moderate size practically disappear at short distances below the foot of the hills, so the waters are spread over considerable areas until artificial channels are provided. The drainage of this valley as a whole is rendered specially difficult by the northward course of Red River, which may be ice-bound north of the Canadian boundary while higher temperatures in Minnesota and the Dakotas are melting the snow and causing that stream to overflow.

The usual purpose of an organized enterprise is merely to provide adequate outlets into which the landowners of the district may drain their farms and to afford relief from overflows for the district as a unit. Therefore the fact that an enterprise which has completed the construction of the drainage works authorized contains land still swampy or subject to overflow, or land that suffers damage to crops, does not show that the improvement works are inadequate.

TABLE 4.—LAND IN ALL ENTERPRISES, CLASSIFIED BY CONDITION: 1920.

CONDITION OF LAND.	OPERATING ENTERPRISES.			Nonoperating enterprises (acres).	
	Total.		Works completed (acres).		
	Acreage.	Per cent of all land.			
All land in enterprises.....	1,240,328	100.0	1,100,044	140,284	
Improved land.....	1,020,574	82.8	920,304	106,270	
Unimproved land ¹	213,754	17.2	179,740	34,014	
Swampy or subject to overflow.....	12,332	1.0	12,332	.....
Suffering a loss of crops.....	4,819	0.4	4,819	2,000	

¹ No timber or cut-over land reported.

Size of enterprises.—Presentation of the statistics by counties requires that an enterprise located in more than one county be divided, and the part in each county be considered a separate enterprise. In this way 137 operating drainage enterprises are counted in North Dakota, with an average area of 9,053 acres. There is no overlapping of the enterprises in this state.

TABLE 5.—LAND IN OPERATING ENTERPRISES, CLASSIFIED BY SIZE OF AREA ASSESSED: 1920.

SIZE GROUP.	Land in enterprises (acres).	ASSESSED AREA.	
		Acreage.	Per cent of total.
All operating enterprises.....	1,240,328	1,240,328	100.0
500 to 999 acres.....	640	640	0.1
1,000 to 4,999 acres.....	148,680	148,680	12.0
5,000 to 9,999 acres.....	358,390	358,390	28.9
10,000 to 49,999 acres.....	501,377	501,377	40.4
50,000 to 99,999 acres.....	231,241	231,241	18.6

Character of enterprises.—All the drainage enterprises in North Dakota are county drains under the control of the county board of drain commissioners. This board of three freeholders is appointed by the board of county commissioners upon their own volition or upon petition from interested landowners.

The board of drain commissioners may establish drains for wet land whenever such drains will be conducive to public health, convenience, and welfare. If the chief object sought is to drain land to be used for agricultural purposes, a petition for the drain must be signed by six or more freeholders whose property will be affected. Plans, specifications, and estimates are prepared by a surveyor employed by the drain commissioners, who hold a public hearing upon the surveyor's report. The drain is established if sufficient cause for the petition is shown and if the cost of the proposed drain will not exceed the benefits to be derived, provided two-thirds of the landowners who would be subject to assessment do not petition against establishment. Appeal from the decision establishing a drain may be taken to the district court for trial without jury. The cost of the enterprise is assessed against the tracts of land in proportion to the benefits they will receive. Counties, cities, towns, and railroads are assessed if they will be benefited.

Damages for rights of way are determined by jury in the district court, or by the court or a referee if jury trial is waived. Assessments of benefits are made by the board of drain commissioners and reviewed by them at a public hearing. An appeal from these assessments, or for review of the location and design of any drain, may be made to the state engineer by two-thirds of the landowners affected by the drain. Contracts for construction are let by the drain commissioners. Bonds to finance the enterprise may be issued by the board of county commissioners, to run not more than 15 years and to be paid only from the assessments levied for the drain. When a drain is to be located in more than one county, the petition is presented to the board of drain commissioners in each county affected, and all those boards act jointly.

The present county drainage law of North Dakota was enacted March 8, 1895 (ch. 51), but has been amended many times. The principal amendments relate to the number of signatures on the petition (1903), to appeals from decisions of the drain commissioners (1911 and 1915), and to the time of payment of bonds (1901 and 1907). The first general drainage law of the state was enacted March 18, 1893 (ch. 55). It provided for the appointment of a county board of drain commissioners and for a method of establishing county drains generally similar to that provided in the law of 1895, which repealed the earlier statute. Only one enterprise, of 3,520 acres, was reported as organized under the law of 1893.

Township drains may be established by the board of supervisors of any township under a law of March 12, 1915 (ch. 124), as amended March 3, 1919 (ch. 114). These are under the control of the township supervisors. The cost is paid from the township funds if the cost does not exceed \$3,000 and if the enterprise is approved by a majority vote of the people of the township; otherwise the cost is assessed in proportion to benefits. No enterprises were reported as organized under this law.

An act of March 13, 1919 (ch. 115), created a flood-control commission, consisting of the dean of the state agricultural college, the dean of the state school of mines, the state engineer, and two citizens appointed by the governor, to make surveys and plans for controlling floods.

Laws authorizing the establishment of public drains by boards of county commissioners and by boards of township supervisors, upon petition of one or more owners of land to be affected, were enacted by the legislature of Dakota territory in 1883. Viewers were appointed to locate the drains and to assess damages and benefits, the costs being assessed against the lands in proportion to the benefits.

Drainage works.—The total works completed by drainage enterprises to December 31, 1919, comprised 708.3 miles of open ditches, 9.3 miles of tile drains, and 2.1 miles of accessory levees; the additional works under construction were 4.0 miles of open ditches. These figures do not include drains or levees installed by individual farm owners supplemental to the works of the drainage enterprises, nor the works of flood protection or levee districts that had not undertaken the construction of ditches or tile drains. There are no pumping districts in the state.

TABLE 6.—LAND AND CAPITAL INVESTED IN OPERATING ENTERPRISES, CLASSIFIED BY KIND OF DRAINAGE WORKS: 1920.

KIND OF WORKS.	LAND.		CAPITAL.		
	Acreage.	Per cent of total.	To Dec. 31, 1919.	Per cent of total.	Additional required to complete.
All kinds.....	1,240,328	100.0	\$2,208,049	100.0	\$53,400
Open ditches only.....	1,217,028	98.1	2,140,758	97.2	.....
Open ditches and levees.....	9,600	0.8	12,368	0.6	.....
Tile drains only.....	10,820	0.9	42,908	1.9	.....
Open ditches and tile drains.....	2,880	0.2	6,015	0.3	.....

The average depth of the main or outlet ditch was reported for each enterprise. The maximum reported for any enterprise in the state and the maximum in each county are shown in line 14 of County Table II. The maximum length, width, and depth of outlet shown in that table for any county may not refer to the same enterprise.

DRAINAGE—NORTH DAKOTA.

In County Table II, line 15 shows the mean depth of branch ditches (open ditches only), which is a very crude indication of the depth of soil drainage that may be obtained in the enterprises as determined by the depth of outlet provided for farm drains. The mean depth was computed by giving each separate depth a weight in proportion to the acreage it serves. As most enterprises reported depths in whole numbers only, the occasional decimals were omitted in making these computations. Depths less than 3 feet were omitted; to include this group, computed as 3 feet, would not change the mean depth for the state, 3.7 feet.

TABLE 7.—LAND IN OPERATING ENTERPRISES, CLASSIFIED BY AVERAGE DEPTH OF BRANCH DITCHES: 1920.

DEPTH OF BRANCH DITCHES.	Acreage.	Per cent of total.
All operating enterprises.....	1,240,328	100.0
Less than 3 feet.....	15,600	1.2
3.0 to 3.9 feet.....	98,200	7.8
4.0 to 4.9 feet.....	227,124	18.3
Not reporting branches.....	901,404	72.7

Maintenance of works.—The drainage law of 1895 provided that all drains constructed under that act should be kept in good repair by the board of county commissioners, and the existing statutes have made that provision applicable to the improvements established under any drainage law of the state. In the case of a drain that is situated in more than one county, the board of county commissioners of each county affected is required to keep in good condition the portion of the drain that is situated in that county. However, systematic maintenance was reported for enterprises embracing a total of only 82,080 acres, representing an investment of \$82,459, the work being done by contract.

Date of organization.—The progress in drainage development is shown only roughly by the dates of the organization of the enterprises, which are the dates when the districts were established by the drain commissioners, since there may be a period of a year or more between the decree of establishment and the beginning of actual construction, and since the work of construction may occupy several years in a large district. It was not practicable, however, for the census to secure data as to the time of the beginning or the completion of the drainage works. Under the date of organization are tabulated the entire area, works, and capital of each enterprise, including extensions made after the original plan of reclamation was completed.

TABLE 8.—LAND IN OPERATING ENTERPRISES, CLASSIFIED BY DATE ENTERPRISE WAS ORGANIZED: 1920.

DATE OF ORGANIZATION.	LAND.		AREA ASSESSED.	
	Acreage.	Per cent of total.	Acreage.	Per cent of total.
All operating enterprises.....	1,240,328	100.0	1,240,328	100.0
1890 to 1899.....	87,340	7.0	87,340	7.0
1900 to 1904.....	176,055	14.2	176,055	14.2
1905 to 1909.....	611,659	49.3	611,659	49.3
1910 to 1914.....	61,380	5.0	61,380	5.0
1915 to 1919.....	303,894	24.5	303,894	24.5

TABLE 9.—CAPITAL INVESTED IN OPERATING ENTERPRISES, CLASSIFIED BY DATE ENTERPRISE WAS ORGANIZED: 1920.

DATE OF ORGANIZATION.	CAPITAL.	
	To Dec. 31, 1910.	Addi- tional re- quired to complete.
	Amount.	
All operating enterprises.....	\$2,208,049	100.0
1890 to 1899.....	154,001	7.0
1900 to 1904.....	182,657	8.3
1905 to 1909.....	985,459	43.7
1910 to 1914.....	70,940	3.2
1915 to 1919.....	833,932	37.8
		53,400

TABLE 10.—DRAINS AND LEVEES (COMPLETED AND UNDER CONSTRUCTION) IN OPERATING ENTERPRISES, CLASSIFIED BY DATE ENTERPRISE WAS ORGANIZED: 1920.

DATE OF ORGANIZATION.	DITCHES.		TILE.		LEVEES.	
	Miles.	Per cent of total.	Miles.	Per cent of total. ¹	Miles.	Per cent of total. ¹
	712.3	100.0	9.3	100.0	2.1	100.0
1890 to 1899.....	63.3	8.9	.....	.....	0.1	.....
1900 to 1904.....	90.5	12.7	.....	.....	2.0	.....
1905 to 1909.....	834.8	47.0	0.3	.....	.....	.....
1910 to 1914.....	32.7	4.6	.....	.....	.....	.....
1915 to 1919.....	191.0	26.8	9.0	.....	.....	.....

¹ Per cent not shown when base is less than 100.

Crops.—The principal crop grown upon the drained land was reported as wheat for most of the drainage enterprises, though hay was so reported for a small part of them. Statistics were not secured to show the part of each enterprise planted to any crop, so the enterprises have been classified according to the principal crop, and the total area of improved land is shown thus classified in County Table II. Information was not obtained at the general census of agriculture to separate the crops grown upon land drained artificially from those produced upon land drained naturally.

DRAINAGE—NORTH DAKOTA.

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COUNTY TABLE I.—DRAINAGE ON FARMS: 1920.

		THE STATE.	Bottineau.	Cass.	Emmons.	Grand Forks.	Griggs.	Mountail.	Pembina.	
1	Number of all farms in the state or county	77,690	2,203	2,374	1,449	2,007	963	2,000	1,795	
2	Farms reporting land having drainage.....	682	143	77	67	10	7	5	44	
3	Farms reporting land needing drainage.....	2,669	165	141	75	145	50	107	225	
4	Farms in drainage and levee districts.....	341	61	65	.....	3	5	3	41
LAND AND FARM AREA.										
5	Approximate land area of the state or county.....acres..	44,917,120	1,075,840	1,128,320	1,000,320	917,120	458,880	1,224,900	714,880	
6	All land in farms.....acres..	36,214,751	939,149	1,000,011	837,036	819,400	427,025	826,020	640,390	
7	Improved land in farms.....acres..	24,563,178	794,709	944,239	487,208	719,576	336,038	414,843	567,404	
8	Woodland in farms.....acres..	679,836	36,745	18,399	11,247	23,833	4,130	8,521	51,811	
9	Other unimproved land in farms.....acres..	10,971,737	107,695	37,373	339,181	75,988	86,887	402,062	21,175	
10	Farm land reported as provided with drainage.....acres..	89,054	11,674	19,908	9,887	1,532	950	605	10,598	
11	Farm land reported as needing drainage.....acres..	211,305	16,266	4,394	7,848	7,524	2,483	16,407	15,638	
12	Drainage only.....acres..	53,161	1,284	2,077	7,848	2,494	1,132	97	168	
13	Drainage and clearing.....acres..	158,144	14,982	2,317	.....	5,080	1,351	16,310	15,470
		Ramsey.	Ransom.	Richland.	Rolette.	Sargent.	Steele.	Stutsman.	Trall.	All other counties. ¹
1	Number of all farms in the county.....	1,401	1,343	2,298	1,267	1,321	987	2,487	1,263	52,532
2	Farms reporting land having drainage.....	6	17	44	46	79	7	6	53	66
3	Farms reporting land needing drainage.....	14	4	119	80	206	3	253	23	1,054
4	Farms in drainage and levee districts.....	4	1	26	1	78	2	38	15
LAND AND FARM AREA.										
5	Approximate land area of the county.....acres..	771,200	550,400	910,680	587,520	547,200	468,880	1,460,480	553,600	32,547,840
6	All land in farms.....acres..	715,903	474,077	829,295	498,443	494,179	432,110	1,200,738	517,311	25,663,052
7	Improved land in farms.....acres..	627,736	405,315	786,962	348,320	430,758	380,954	836,901	466,032	16,066,163
8	Woodland in farms.....acres..	4,972	14,385	15,525	53,411	2,906	8,351	12,141	13,116	400,338
9	Other unimproved land in farms.....acres..	83,185	54,377	76,808	98,712	60,515	42,811	351,696	33,163	9,096,661
10	Farm land reported as provided with drainage.....acres..	525	1,589	5,476	961	8,048	525	627	13,131	3,588
11	Farm land reported as needing drainage.....acres..	992	210	4,702	5,882	7,471	192	11,480	1,774	108,042
12	Drainage only.....acres..	992	210	2,606	1,376	7,318	170	7,510	1,429	16,441
13	Drainage and clearing.....acres..	2,096	4,506	153	22	3,961	345	91,601

¹ No drainage on farms reported in Billings, Bowman, Burleigh, Dunn, Foster, Golden Valley, Grant, Kidder, Logan, McHenry, Mercer, and Oliver Counties.

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DRAINAGE—NORTH DAKOTA.

COUNTY TABLE II.—OPERATING DRAINAGE ENTERPRISES: 1920.

		THE STATE.	Bottineau.	Cass.	Cavalier.	Grand Forks.	La Moure.
LAND AREA.							
1	Approximate land area of the state or county.....acres..	44,917,120	1,075,840	1,123,320	956,160	917,120	734,080
2	All land in operating drainage enterprises.....acres..	1,240,328	49,795	201,580	12,700	47,000	3,300
3	Improved land.....acres..	1,026,574	32,000	155,135	4,019	40,586	2,640
4	Per cent of all improved land in farms.....	4.2	4.0	16.4	0.5	5.6	0.5
5	Unimproved land ¹.....acres..	213,754	17,795	46,445	8,681	6,414	660
6	Swampy or subject to overflow, in enterprises.....acres..	12,332	.....	960	.....	.....	.....
7	Suffering a loss of crops from defective drainage.....acres..	4,819	.....	.....	.....	.....	.....
8	Assessed acreage.....acres..	1,240,328	49,795	201,580	12,700	47,000	3,300
9	Excess over all land in operating enterprises.....acres..	.....	.....	.....	.....	.....	.....
DRAINAGE WORKS.							
10	Open ditches:						
11	Completed.....miles..	708.3	44.0	177.3	12.0	25.8	.....
12	Additional under construction.....miles..	4.0	.....	1.5	.....	.....	.....
13	Maximum completed in any enterprise.....miles..	45.1	20.0	16.0	5.0	10.2	.....
14	Maximum width at bottom of ditch ².....feet..	80	80	29	6	12	.....
15	Maximum of average depths of outlet ditches ².....feet..	14.0	6.0	14.0	5.0	6.0	.....
	Mean depth of branch ditches ².....feet..	3.7	.....	.....	.....	.....	.....
16	Tile drains:						
17	Completed.....miles..	9.3	.....	.....	.....	.....	4.5
18	Additional under construction.....miles..	.....	.....	.....	.....	.....	4.5
19	Maximum completed in any enterprise.....miles..	4.5	.....	.....	.....	.....	22
	Maximum size of tile ².....inches..	22	.....	.....	.....	.....	.....
20	Accessory levees and dikes:						
21	Completed.....miles..	2.1	.....	.....	.....	.....	.....
	Additional under construction.....miles..	.....	.....	.....	.....	.....	.....
22	Area drained by open ditches only ³.....acres..	1,217,028	49,795	201,580	12,700	47,000	.....
23	Length of these ditches.....miles..	706.0	44.0	175.8	12.0	25.8	.....
24	Average length per acre.....feet..	3.1	4.7	4.7	5.0	2.9	.....
25	Area having both open ditches and levees ².....acres..	9,600	.....	.....	.....	.....	.....
26	Length of these ditches.....miles..	4.0	.....	.....	.....	.....	.....
27	Average length per acre.....feet..	2.2	.....	.....	.....	.....	.....
28	Length of the accessory levees.....miles..	2.1	.....	.....	.....	.....	.....
29	Area drained by tile only ³.....acres..	10,820	.....	.....	.....	.....	3,300
30	Length of these tiles.....miles..	9.0	.....	.....	.....	.....	4.5
31	Average length per acre.....feet..	4.4	.....	.....	.....	.....	7.2
32	Area drained by open ditches and tile ³.....acres..	2,880	.....	.....	.....	.....	.....
33	Length of these drains.....miles..	2.6	.....	.....	.....	.....	.....
34	Average length per acre.....feet..	4.8	.....	.....	.....	.....	.....
DEVELOPMENT OF LAND.							
35	Improved land in operating enterprises, 1920.....acres..	1,026,574	32,000	155,135	4,019	40,586	2,640
36	Improved land prior to drainage.....acres..	691,005	26,000	115,764	3,473	28,548	2,475
37	Increase since drainage.....acres..	335,569	6,000	39,371	546	12,038	165
38	Per cent of increase.....	48.6	22.1	34.0	15.7	42.2	6.7
39	Per cent increase is of all improved land in farms, 1920.....	1.4	0.8	4.2	0.1	1.7	(3)
40	Unimproved land, 1920.....acres..	213,754	17,795	46,445	8,681	6,414	660
41	Unimproved land prior to drainage.....acres..	549,323	23,795	85,816	9,227	18,452	825
42	Decrease since drainage.....acres..	335,569	6,000	39,371	546	12,038	165
43	Per cent of decrease.....	61.1	25.2	45.9	5.9	65.2	20.0
44	Swampy or subject to overflow, 1920.....acres..	12,332	.....	960	.....	.....	.....
45	Swampy or subject to overflow prior to drainage.....acres..	619,159	26,659	120,086	9,653	21,360	1,650
46	Decrease since drainage.....acres..	606,327	26,659	119,126	9,653	21,060	1,650
47	Per cent of decrease.....	98.0	100.0	99.2	100.0	100.0	100.0
CAPITAL INVESTED AND COST PER ACRE.							
48	Total capital invested in and required for completion of operating enterprises.....dollars..	2,261,449	171,096	837,690	15,785	49,894	22,500
49	Capital invested in these enterprises to Dec. 31, 1919.....dollars..	2,208,049	171,096	806,690	16,785	49,894	22,500
50	Additional capital required to complete these enterprises.....dollars..	53,400	.....	31,000	.....	.....	.....
51	Average cost per acre, when completed.....dollars..	1.82	3.44	4.18	1.24	1.06	6.82
52	Enterprises constructing open ditches only.....dollars..	2,200,158	171,096	837,690	15,785	49,894	.....
53	Average cost per acre, when completed.....	1.81	3.44	4.18	1.24	1.06	.....
54	Enterprises constructing open ditches and levees.....dollars..	12,368	.....	.....	.....	.....	.....
55	Average cost per acre, when completed.....	1.29	.....	.....	.....	.....	.....
56	Enterprises constructing tile drains only.....dollars..	42,908	.....	.....	.....	.....	22,500
57	Average cost per acre, when completed.....	3.97	.....	.....	.....	.....	6.82
58	Enterprises constructing open ditches and tile drains.....dollars..	6,015	.....	.....	.....	.....	.....
59	Average cost per acre, when completed.....	2.09	.....	.....	.....	.....	.....
CROPS.							
60	Improved land in enterprises reporting—						
61	Wheat as principal crop on drained land.....acres..	1,000,389	24,000	155,135	.....	40,586	2,640
	Hay and forage as principal crop on drained land.....acres..	26,185	8,000	4,019	.....	.....	.....

¹ No timber or cut-over land reported.² When works under construction have been completed.³ Less than one-tenth of 1 per cent.

DRAINAGE—NORTH DAKOTA.

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COUNTY TABLE II.—OPERATING DRAINAGE ENTERPRISES: 1920—Continued.

		Pembina.	Ramsey.	Ransom.	Richland.	Sargent.	Trail.	Walsh.
LAND AREA.								
1	Approximate land area of the county	acres..	714,880	771,200	550,400	919,680	547,200	553,600
2	All land in operating drainage enterprises	acres..	280,800	12,715	23,640	204,063	205,655	145,460
3	Improved land	acres..	256,778	11,443	14,120	171,911	162,151	126,527
4	Per cent of all improved land in farms		45.8	1.8	3.5	23.3	37.6	27.1
5	Unimproved land ¹	acres..	24,022	1,272	9,520	32,152	43,504	18,933
6	Swampy or subject to overflow, in enterprises	acres..	512	.....	.....	5,980	.....	4,880
7	Suffering a loss of crops from defective drainage	acres..	280,800	12,715	23,640	204,063	205,655	145,460
8	Assessed acreage	acres..	.....	.....	.....	.....	.....	53,620
9	Excess over all land in operating enterprises	acres..	.....	.....	.....	.....	.....	.....
DRAINAGE WORKS.								
10	Open ditches:							
11	Completed	miles..	145.8	4.0	14.5	102.2	76.6	87.1
12	Additional under construction	miles..	.....	.....	.....	.....	2.5	19.0
13	Maximum completed in any enterprise	miles..	24.0	2.5	8.5	12.5	45.1	8.5
14	Maximum width at bottom of ditch ²	feet..	24	9	12	17	16	10
15	Maximum of average depths of outlet ditches ²	feet..	7.0	4.0	5.0	10.0	8.0	8.0
16	Mean depth of branch ditches ²	feet..	3.6	.....	3.0	3.5	4.0	4.7
17	Tile drains:							
18	Completed	miles..	.....	.....	.....	.....	4.8	.....
19	Additional under construction	miles..	.....	.....	.....	.....	4.5	.....
20	Maximum completed in any enterprise	miles..	.....	.....	.....	.....	18	.....
21	Maximum size of tile ²	inches..	.....	.....	.....	.....	.....	.....
22	Accessory levees and dikes:							
23	Completed	miles..	.....	2.1	.....	.....	.....	.....
24	Additional under construction	miles..	.....	.....	.....	.....	.....	.....
25	Area drained by open ditches only ²	acres..	271,200	12,715	23,640	204,063	195,255	145,460
26	Length of these ditches	miles..	141.8	4.0	14.5	102.2	78.8	87.1
27	Average length per acre	feet..	2.8	1.7	3.2	2.6	2.1	8.2
28	Length of the accessory levees	miles..	.....	2.1	.....	.....	.....	1.9
29	Area drained by tile only ²	acres..	.....	.....	.....	.....	7,520	.....
30	Length of these tile	miles..	.....	.....	.....	.....	4.5	.....
31	Average length per acre	feet..	.....	.....	.....	.....	3.2	.....
32	Area drained by open ditches and tile ²	acres..	.....	.....	.....	.....	2,880	.....
33	Length of these drains	miles..	.....	.....	.....	.....	2.6	.....
34	Average length per acre	feet..	.....	.....	.....	.....	4.8	.....
DEVELOPMENT OF LAND.								
35	Improved land in operating enterprises, 1920	acres..	256,778	11,443	14,120	171,911	162,151	126,527
36	Improved land prior to drainage	acres..	179,720	3,075	9,550	124,962	57,412	100,408
37	Increase since drainage	acres..	77,058	8,308	4,570	40,949	104,789	26,121
38	Percent of increase		42.9	272.1	47.9	37.6	182.4	26.0
39	Percent increase is of all improved land in farms, 1920		13.6	1.3	1.1	6.4	24.3	5.6
40	Unimproved land, 1920 ¹	acres..	24,022	1,272	9,520	32,152	43,504	18,933
41	Unimproved land prior to drainage ¹	acres..	101,080	9,640	14,000	79,101	148,243	45,054
42	Decrease since drainage	acres..	77,058	8,308	4,570	40,949	104,789	26,121
43	Percent of decrease		76.2	86.8	32.4	59.4	70.7	58.0
44	Swampy or subject to overflow, 1920	acres..	512	.....	.....	5,980	.....	4,880
45	Swampy or subject to overflow prior to drainage	acres..	95,031	9,640	20,000	126,308	102,906	63,326
46	Decrease since drainage	acres..	94,519	9,640	20,000	120,328	102,906	58,446
47	Percent of decrease		99.5	100.0	100.0	95.3	100.0	92.3
CAPITAL INVESTED AND COST PER ACRE.								
48	Total capital invested in and required for completion of operating enterprises	dollars..	297,282	6,553	45,930	265,608	285,839	224,671
49	Capital invested in these enterprises to Dec. 31, 1919	dollars..	297,282	6,553	45,930	265,608	263,439	224,671
50	Additional capital required to complete these enterprises	dollars..	.....	.....	.....	.....	22,400	.....
51	Average cost per acre, when completed	dollars..	1.06	0.52	1.94	1.30	1.39	1.54
52	Enterprises constructing open ditches only	dollars..	284,914	6,553	45,930	265,608	259,416	224,671
53	Average cost per acre, when completed	dollars..	1.05	0.52	1.94	1.30	1.33	1.54
54	Enterprises constructing open ditches and levees	dollars..	12,368	.....	.....	.....	.....	.....
55	Average cost per acre, when completed	dollars..	1.29	.....	.....	.....	.....	.....
56	Enterprises constructing tile drains only	dollars..	.....	.....	.....	.....	20,408	.....
57	Average cost per acre, when completed	dollars..	.....	.....	.....	.....	2.71	.....
58	Enterprises constructing open ditches and tile drains	dollars..	.....	.....	.....	.....	6,015	.....
59	Average cost per acre, when completed	dollars..	.....	.....	.....	.....	2.08	.....
CROPS.								
60	Improved land in enterprises reporting—							
61	Wheat as principal crop on drained land	acres..	256,778	11,443	6,900	160,911	160,205	126,527
	Hay and forage as principal crop on drained land	acres..	.....	.....	7,220	5,000	1,946	40,264

¹ No timber or cut-over land reported.² When works under construction have been completed.

MANUFACTURES—NORTH DAKOTA.

EXPLANATION OF TERMS.

Scope of census.—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of ownership, size of establishments, and similar subjects. When use is made of the statistics for these purposes it is imperative that due attention be given to their limitations, particularly in connection with any attempt to derive from them figures purporting to show average wages, cost of production, or profits.

The census did not cover establishments which were idle during the entire year or for which products were valued at less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions.

Period covered.—The returns relate to the calendar year 1919, or the business year which corresponded most nearly to that calendar year, and cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—As a rule, the term "establishment" represents a single plant or factory, but in some cases it represents two or more plants which were operated under a common ownership or for which one set of books of account was kept. If, however, the plants constituting an establishment as thus defined were not all located within the same city, county, or state, separate reports were secured in order that the figures for each plant might be included in the statistics for the city, county, or state in which it was located. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products different from those covered by the class designation, and, on the other hand, may not represent the total product covered by this designation, because some of this class of product may be made in establishments in which it is not the product of chief value.

As a rule, the same designation is used for the industry wherever it appears, although all of the products indicated by this designation were not manufactured in the state or city for which these statistics are presented. In some instances the wording is changed so as to more correctly describe the products represented. For a number of industries subclasses are shown which indicate more definitely the kind of products.

Selected industries.—The general tables at the end of this section give the principal facts separately for the industries of the state. A selection has been made of certain leading industries of the state for more detailed consideration. Sometimes an industry of great importance has to be omitted because it comprises so few establishments that a detailed presentation would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. At the census of 1909 the figures for kindred industries were combined. This practice has been followed in compiling the statistics for 1919 and 1914 when placed in com-

parison with those for 1909 and prior years. The comparative summary for 1919, 1914, and 1909, therefore, does not show separately all the industries given for 1919 in the detailed statement for the state.

Influence of increased prices.—In comparing figures for cost of materials, value of products, and value added by manufacture in 1919 with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures fail to afford an exact measure of the increase in the volume of business.

Persons engaged in the industry.—The following general classes of persons engaged in the manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks (including other subordinate salaried employees), and (5) wage earners. In the reports for the censuses of 1904 and 1890 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. In comparative tables covering the census of 1904 it is of course necessary to group the figures according to the classification that was employed at the earlier censuses.

The number of persons engaged in each industry, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for a single representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where this date was not a representative day an earlier date was chosen.

In the case of employees other than wage earners the number thus reported for the representative date has been treated as equivalent to the average for the year, since the number of employees of this class does not ordinarily vary much from month to month. In the case of wage earners the average has been obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, by sex, without distinction of age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12. The importance of the industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given in certain tables for each separate industry, is not totaled for all industries combined for any state, because, in view of the variations of date, such a total is not believed to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation. This total, however, is shown for the different cities, because the limited area and greater regularity of employment largely overcame the objection incident to its publication for the separate states or the United States.

In order to determine as nearly as possible the age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by age of the wage earners in each industry for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry to determine the average numbers 16 years and over, and under 16, employed. These calculated averages for the several industries have been added to give the average distribution for each state as a whole and for the entire country.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively. The Census Bureau has not undertaken to calculate the average annual earnings of either salaried employees or wage earners. Such averages would possess little real value, because they would be based on the earnings of employees of both sexes, of all ages, and of widely varying degrees of skill. Furthermore, so far as wage earners are concerned, it would be impossible to calculate accurately even so simple an average as this, since the number of wage earners fluctuates from month to month in every industry, and in some cases to a very great extent. The Census Bureau's figures for wage earners, as already explained, are averages based on the number employed on the 15th of each month, and while representing the number according to the pay rolls to whom wages were paid on that date, no doubt represent a larger number than would be required to perform the work in any industry if all were continuously employed during the year.

Prevailing hours of labor.—No attempt was made to ascertain the number of wage earners working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one part of the year to another were disregarded, and no attention was paid to the fact that a few wage earners might have hours differing from those of the majority. All the wage earners of each establishment are therefore counted in the class within which the establishment itself falls. In most establishments, however, practically all the wage earners work the same number of hours, so that the figures give a substantially correct representation of the hours of labor.

Capital.—The instructions on the schedule for securing data relating to capital were as follows:

"The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises."

These instructions were identical with those employed at the censuses of 1914 and 1909. The data compiled in respect to capital, however, at both censuses, as well as at all preceding censuses of manufactures, have been so defective as to be of little value except

as indicating very general conditions. In fact, it has been repeatedly recommended by the census authorities that this inquiry be omitted from the schedule. While there are some establishments whose accounting systems are such that an accurate return for capital could be made, this is not true of the great majority, and the figures therefore do not show the actual amount of capital invested.

Materials.—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" covers fuel, rent of power and heat, mill supplies, and containers, as well as materials which form a constituent part of the product.

Rent and taxes.—The taxes include certain Federal taxes and state, county, and local taxes. Under "Federal taxes" there are included the internal-revenue tax on manufactures (tobacco, beverages, etc.), excise taxes when included in values reported for products, corporation capital stock tax, and corporation income tax, but not the income tax for individuals and partners.

Value of products.—The amounts given under this heading represent the selling value or price at the factory of all products manufactured during the year, which may differ from the value of the products sold.

Value added by manufacture.—The value of products is not always a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing processes carried on in the industry itself. Another part, and often by far the larger one, represents the value of the materials used. For many purposes, therefore, the best measure of the importance of an industry, from a manufacturing standpoint, is the value created by the manufacturing operations carried on within the industry. This value is calculated by deducting the cost of the materials used from the value of the products. The figure thus obtained is termed in the census reports "value added by manufacture."

Cost of manufacture and profits.—The census data do not show the entire cost of manufacture, and consequently can not be used for the calculation of profits. No account has been taken of depreciation or interest, rent of offices and buildings other than factory or works, insurance, ordinary repairs, advertising, and other sundry expenses.

Primary horsepower.—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented from other concerns. It does not cover the power of electric motors taking their current from dynamos driven by primary power machines operated by the same establishment, because the inclusion of such power would obviously result in duplication. The figures for primary horsepower represent the rated capacity of the engines, motors, etc., and not the amount of power in actual daily use.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, fuel oils, gasoline and other volatile oils, and gas—natural and manufactured—and represent the quantity used during the year. As only the principal kinds of fuel are shown, comparison as to the total cost of all fuel is impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

GENERAL STATISTICS.

General character of the state.—North Dakota has a gross area of 70,837 square miles, of which 70,183 represent land surface. The inhabitants of the state in 1900 numbered 319,146; in 1910, 577,056; and in 1920, 646,872. In total population North Dakota ranked thirty-sixth among the states in 1920. The number of inhabitants per square mile in 1910 was 8.2, the corresponding figure for 1920 being 9.2.

In 1920 there were three cities in the state—Fargo, Grand Forks, and Minot—having more than 10,000 inhabitants. These three cities, with a combined population of 46,447, formed 7.2 per cent of the total population for North Dakota in that year, and reported 33.3 per cent of the value of the state's manufactured products in 1919.

Importance and growth of manufactures (Table 1).—The large increases in wages, cost of materials, and the value of products, as presented in this table, are largely due to the change in industrial conditions brought about by the World War, and, therefore, can not properly be used to measure the growth of manufactures between the industrial censuses of 1914 and 1919. However, the increases in average number of wage earners and horsepower are evidences of the growth of the manufacturing activities of the state. The addition of the Federal income tax since 1914 will account for the increase in "rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for other censuses with those for 1919. Statistics presented in this table, however, show that four counties—Cass, Grand Forks, Morton, and Ward—reported 48.2 per cent of the total number of wage earners and of value added by manufacture in North Dakota in 1919.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is often misleading as to their true importance from a manufacturing standpoint. Their ranking might change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 25.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 80 wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—Comparative figures for Minot are not available, since the city had less than 10,000 inhabitants at censuses prior to 1919.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and cities (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined and for the cities of Fargo, Grand Forks, and Minot. There were few industries in the state in 1919 where the number of female wage earners predominated.

Pervailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in North Dakota. In that year 23.4 per cent of the wage earners were included in the group "48 and under," as against 66.6 per cent in 1919. On the other hand, in 1914 the "60" and "over 60" groups constituted 41.6 per cent of the total wage earners, as compared with 15.9 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 86.2 per cent were in the classes having less than six wage earners, while such establishments employed but 23.4 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at \$100,000 to \$1,000,000 constituted one group, but at the census of 1919 this group was subdivided into "\$100,000 to \$500,000" and "\$500,000 to \$1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups in the case of all items for 1909,

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and in the case of average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in several instances to combine the establishments of one group with those of some other group to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table illustrates the fact that the number of establishments of itself is no real index of manufacturing activities. Minot, for instance, with only 2.9 per cent of the total number of establishments in the state, reported 9.7 per cent of the total value of products.

Character of ownership (Table 14).—The predominance of corporate ownership is clearly brought out in this table. Although corporations owned but 30 per cent of the number of establishments in the state in 1919, they reported 76.5 per cent of the average number of wage earners, and 79.4 per cent of the total value of products. During the five-year

period 1914 to 1919 the average number of wage earners in corporations increased 1,055, or 44.6 per cent, and the value of products, \$29,408,314, or 182.2 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the number of establishments in these three cities in 1919 represented but 19.5 per cent of the total in the state, while they reported 34.9 per cent of the average number of wage earners and 33.3 per cent of the value of products.

Number and horsepower of types of prime movers (Table 16).—Although both the owned and rented power increased from 1914 to 1919, the proportionate increase in rented power was the greater, being 86.9 per cent for the five-year period, as compared with 10.6 per cent for owned power.

Fuel consumed (Table 17).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, and 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE. ¹			
	1919	1914	1909	1904	1899	1914-1919	1909-1914	1904-1909	1899-1904
Number of establishments.....	894	699	752	507	337	27.9	-7.0	48.3	50.4
Persons engaged.....	6,148	4,627	4,148	2,545	(*)	32.9	11.5	63.0	.....
Proprietors and firm members.....	774	603	723	494	(*)	28.4	-16.6	46.4	.....
Salaried employees.....	902	749	636	296	152	20.4	17.8	114.0	94.7
Wage earners (average number).....	4,472	3,275	2,789	1,755	1,358	36.5	17.4	58.0	26.2
Primary horsepower.....	17,791	14,062	13,198	9,873	7,351	26.5	6.6	33.7	34.8
Capital.....	\$24,549,833	\$14,213,362	\$11,524,747	\$5,703,887	\$3,511,068	72.7	22.7	103.1	62.4
Salaries and wages.....	6,835,367	3,902,200	2,416,135	1,289,119	800,853	107.0	36.7	87.4	61.0
Salaries.....	1,434,027	885,965	628,730	257,812	120,532	61.9	40.9	143.0	99.0
Wages.....	5,401,330	2,416,235	1,737,405	1,031,307	671,321	123.5	35.2	73.3	53.6
Paid for contract work.....	118,160	72,000	21,323	17,880	(*)	64.1	237.7	19.3	.....
Rent and taxes.....	654,239	213,323	159,787	37,981	(*)	206.7	33.5	.....	.....
Cost of materials.....	44,489,499	14,484,315	13,673,590	7,095,986	4,150,880	207.2	5.9	92.7	71.0
Value of products.....	57,373,622	21,147,431	19,137,506	10,217,914	6,250,840	171.3	10.5	87.3	63.2
Value added by manufacture ²	12,884,123	6,663,116	5,463,916	3,121,928	2,108,980	93.4	21.9	75.0	48.0

¹ A minus sign (—) denotes decrease.² Figures not available.¹ Exclusive of internal revenue.² Value of products less cost of materials.

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TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of estab- lish- ments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufac- ture.	Primary horse- power.
		Average number.	Wages.					
The state.....	804	4,472	\$5,401,880	\$654,239	\$44,489,499	\$57,373,622	\$12,884,123	17,701
Adams.....	7	6	7,738	1,522	54,000	83,671	20,581	99
Barnes.....	24	120	140,402	20,942	5,017,032	5,479,788	402,756	1,113
Benson.....	13	7	7,604	800	114,233	161,764	37,531	141
Billings and Sioux ¹	3	3	3,800	334	1,295	6,750	5,455	2
Bottineau.....	16	17	16,606	3,460	122,363	209,677	56,814	222
Bowman.....	12	11	9,218	1,886	79,466	109,265	29,709	150
Burke.....	9	86	55,685	1,729	144,541	246,925	102,884	82
Burleigh.....	23	140	168,348	29,686	1,406,017	1,987,081	501,064	316
Cass.....	127	903	1,103,784	119,939	6,490,315	9,267,911	2,777,096	2,538
Cavalier.....	12	14	15,695	2,040	39,644	90,887	51,193	91
Dickey.....	16	37	38,649	45,766	2,181,114	2,493,874	312,760	701
Divide.....	7	6	5,525	1,255	43,147	62,484	19,337	33
Dunn.....	10	6	4,639	1,061	81,585	112,260	30,575	169
Eddy.....	16	105	122,476	12,435	206,711	405,733	109,022	148
Emmons.....	9	7	8,035	1,306	18,485	45,270	26,785	51
Foster.....	13	15	18,058	2,771	126,841	202,367	75,526	105
Golden Valley.....	5	11	16,550	2,571	29,551	62,167	32,600	38
Grand Forks.....	65	546	582,902	110,912	5,378,185	6,925,029	1,546,844	1,301
Grant.....	10	7	8,625	1,444	29,219	49,620	20,301	79
Griggs.....	10	13	15,356	1,712	151,160	198,357	47,197	88
Hettinger.....	14	28	34,877	3,743	154,201	244,790	90,589	292
Kidder.....	6	3	3,971	446	46,909	57,708	10,799	41
La Moure.....	10	20	23,394	2,030	250,011	320,403	61,892	405
Logan.....	4	3	3,530	289	47,547	61,340	13,793	92
McHenry.....	11	17	24,056	1,240	63,582	110,077	46,535	93
McIntosh.....	8	33	46,326	1,967	149,074	232,572	88,498	113
McKenzie.....	10	12	13,988	2,778	134,216	175,036	40,820	166
McLean.....	16	15	14,920	2,110	227,257	292,399	65,142	179
Mercer.....	8	6	4,854	632	110,820	126,456	15,636	92
Morton.....	33	342	477,904	46,348	3,169,204	4,044,635	875,371	1,186
Mountrail.....	10	11	12,630	1,237	7,577	30,815	23,238	24
Nelson.....	19	21	21,914	2,133	27,889	85,280	57,341	69
Oliver.....	3	4	3,200	64	48,470	60,039	11,569	28
Pembina.....	15	17	20,923	2,334	352,971	417,316	64,345	159
Pierce.....	8	16	15,115	2,465	325,617	376,605	50,988	102
Ramsey.....	23	220	270,564	13,757	543,780	964,934	421,154	444
Ransom.....	12	152	215,135	5,777	632,054	959,070	307,016	467
Renville.....	7	8	6,525	1,146	76,025	100,929	24,904	130
Richland.....	45	131	154,932	15,207	1,224,486	1,635,296	410,810	670
Rolette.....	8	8	7,115	1,017	72,696	99,370	26,674	203
Sargent.....	10	12	13,005	1,483	99,447	135,280	35,833	44
Sheridan.....	4	2	2,197	804	1,450	9,038	7,588	4
Slope.....	5	2	240,924	292	71,119	331,599	200,480	22
Stark.....	26	149	274,219	38,301	2,675,109	3,325,794	650,685	1,252
Steele.....	8	11	13,253	846	43,360	74,675	31,815	98
Stutsman.....	33	290	288,065	40,799	4,202,683	4,997,222	794,539	1,183
Towner.....	8	6	6,065	2,107	10,902	33,065	22,183	81
Trail.....	14	30	29,188	2,750	82,578	135,316	52,738	161
Walsh.....	38	87	80,412	7,371	2,198,303	2,604,620	406,222	734
Ward.....	39	385	421,361	62,716	4,841,735	5,846,667	1,004,932	1,003
Wells.....	12	62	95,825	3,344	284,684	438,688	149,024	433
Williams.....	20	171	188,746	13,535	538,534	850,898	312,364	310

¹ Billings and Sioux Counties combined to avoid disclosure of individual operations.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establish- ments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFAC- TURE.		INDUSTRY.	Number of establish- ments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFAC- TURE.	
		Average number.	Per cent dis- tribution.	Amount (expressed in thousands).	Per cent dis- tribution.	Amount (expressed in thousands).	Per cent dis- tribution.			Average number.	Per cent dis- tribution.	Amount (expressed in thousands).	Per cent dis- tribution.	Amount (expressed in thousands).	Per cent dis- tribution.
All industries.....	894	4,472	100.0	\$57,374	100.0	\$12,884	100.0	Confectionery and ice cream.....	20	107	2.4	\$757	1.3	\$317	2.5
Flour-mill and gristmill products.....	87	568	12.7	29,282	61.0	3,089	23.7	Saddlery and harness.....	14	65	1.5	676	1.2	172	1.3
Butter.....	57	212	4.7	11,122	19.4	1,125	8.7	Printing and publishing, book and job.....	17	103	2.3	539	0.9	322	2.5
Cars and general shop construction and repairs by steam-railroad companies.....	21	1,539	34.4	3,183	5.5	2,241	17.4	Marble and stone work.....	12	33	0.7	496	0.9	103	1.5
Printing and publishing, newspapers and periodicals.....	301	557	12.5	2,686	4.7	2,052	15.9	Copper, tin, and sheet-iron work.....	16	55	1.2	411	0.7	194	1.5
Bread and other bakery products.....	68	242	5.4	1,950	3.4	737	5.7	Mineral and carbonated waters.....	22	31	0.7	389	0.7	191	1.5
Automobile repairing.....	139	303	6.8	1,232	2.1	686	5.3	Gas, illuminating and heating.....	5	43	1.0	384	0.7	229	1.8
								Foundry and machine-shop products.....	20	81	1.8	355	0.6	221	1.5
								Brick and terra-cotta products.....	5	140	3.1	300	0.5	227	1.8
								All other industries.....	90	393	8.8	3,603	6.3	918	7.1

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TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

CLASS.	Cen-	s-	Total.	PER CENT OF TOTAL.		CLASS.	Cen-	s-	Total.	PER CENT OF TOTAL.			
				Male.	Female.					Male.	Female.		
All classes.....	1919	6,148	5,578	570	90.7	9.3	Clerks and other subordinate salaried employees.....	1919	522	325	197	62.3	37.7
	1914	4,627	4,164	463	90.0	10.0		1914	492	359	136	72.4	27.6
	1909	4,148	3,777	371	91.1	8.9		1909	394	303	91	76.0	23.1
Proprietors and officials.....	1919	1,154	1,117	37	96.8	3.2	Wage earners (average number).....	1919	4,472	4,136	336	92.5	7.5
	1914	880	836	24	97.2	2.8		1914	3,275	2,945	303	90.7	9.3
	1909	905	936	29	97.0	3.0		1909	2,789	2,538	251	91.0	9.0
Proprietors and firm members.....	1919	774	745	29	96.3	3.7	16 years of age and over.....	1919	4,407	4,077	330	92.5	7.5
	1914	603	582	21	96.5	3.5		1914	3,245	2,945	300	90.8	9.2
	1909	723	697	26	96.4	3.6		1909	2,732	2,489	243	91.1	8.9
Salaried officers of corporations.....	1919	112	108	4	96.4	3.6	Under 16 years of age.....	1919	65	59	6	90.8	9.2
	1914	63	62	1	98.4	1.6		1914	30	27	3	90.0	10.0
	1909	64	64	—	100.0	—		1909	57	49	8	89.0	14.0
Superintendents and managers.....	1919	268	264	4	98.5	1.5							
	1914	194	192	2	99.0	1.0							
	1909	178	175	3	98.3	1.7							

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Cen-	s-	PER CENT OF TOTAL.		INDUSTRY.	Cen-	s-	Wage	PER CENT OF TOTAL.									
			Wage	earners					16 years of age	Under	16	years	of	age				
			aver-	num-														
All industries.....	1919	4,472	91.2	7.4	1.5	Confectionery and ice cream.....	1919	107	42.1	57.9	.....	.....	.....	.....	.....
	1914	3,275	89.9	0.9	0.9		1914	109	36.7	63.3	.....	.....	.....	.....	.....
	1909	2,780	89.3	8.7	2.0	Flour-mill and gristmill products.....	1910	508	88.9	0.7	0.4	.....	.....	.....	.....
Automobile repairing.....	1919	303	99.7	0.3	—	Foundry and machine-shop products.....	1919	85	100.0	—	—	.....	.....	.....	.....
	1914	13	100.0	—	—		1914	76	100.0	—	—	.....	.....	.....	.....
Bread and other bakery products.....	1919	242	64.0	33.9	1.2	Printing and publishing, book and job.....	1910	103	75.7	18.4	5.8	.....	.....	.....	.....
	1914	205	72.2	27.3	0.5		1914	127	76.4	22.8	0.8	.....	.....	.....	.....
Brick and terra-cotta products.....	1919	140	88.6	0.7	10.7	Printing and publishing, newspapers and periodicals.....	1910	557	77.2	16.0	5.0	.....	.....	.....	.....
	1914	171	100.0	—	—		1914	625	80.6	18.0	3.4	.....	.....	.....	.....
Butter.....	1919	212	90.1	9.4	0.5	All other industries.....	1910	616	94.6	4.5	0.8	.....	.....	.....	.....
	1914	115	97.4	0.9	1.7		1914	530	81.1	8.3	0.6	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	1,539	98.8	1.2	—													
	1914	871	99.8	—	0.2													

¹ Includes "iron and steel, welding."

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

			FARGO.				GRAND FORKS.				MINOT.		
			1919	1914	1909		1919	1914	1909		1919	1914	1909
Wage earners (average number).....			723	690	510		501	343	350		336	334	324
16 years of age and over.....			720	689	508		491	341	336		324	323	310
Male.....			614	555	434		420	301	275		275	270	22
Female.....			108	134	72		62	40	61		61	58	10
Under 16 years of age.....			3	1	4		10	2	14		14	13	2
Value of products.....			\$6,770,575	\$3,006,043	\$2,476,845		\$6,779,123	\$1,815,609	\$1,910,062		\$5,661,230		

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.			MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January.....	3,998	3,000	2,856	82.4	82.8	77.2	July.....	4,841	3,825	3,004	99.8	100.0	98.4
February.....	4,014	2,864	2,836	82.8	81.5	78.2	August.....	4,847	3,564	2,880	99.9	98.0	94.4
March.....	3,989	2,976	2,443	82.2	82.1	80.0	September.....	4,768	3,638	2,927	98.1	97.5	95.9
April.....	4,175	3,104	2,580	86.1	86.6	84.5	October.....	4,850	3,897	3,033	100.0	98.7	99.4
May.....	4,224	3,207	2,816	87.1	88.5	92.3	November.....	4,731	3,333	2,052	91.9	91.9	100.0
June.....	4,573	3,442	3,041	94.3	95.0	99.6	December.....	4,936	3,175	2,950	96.2	87.6	90.7

¹ The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by bold-faced figures, minimum by italic figures.

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TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Percent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries.....	4,472	3,996	4,014	3,989	4,175	4,224	4,573	4,841	4,847	4,758	4,850	4,731	4,666	82.2
Males.....	4,136	<i>3,703</i>	3,724	<i>3,703</i>	3,866	3,902	4,224	4,488	4,481	4,403	4,481	4,359	4,293	82.5
Females.....	336	203	200	286	309	322	349	353	366	355	369	372	368	76.0
Automobile repairing.....	303	203	209	229	301	323	368	392	389	374	337	273	238	51.8
Bread and other bakery products.....	242	213	209	206	216	224	246	265	270	273	263	264	256	75.5
Brick and terra-cotta products.....	140	114	114	118	121	129	204	208	189	184	182	110	88	42.3
Butter.....	212	191	133	135	208	230	308	326	271	224	204	103	172	40.2
Cars and general shop construction and repairs by steam-railroad companies.....	1,539	1,575	1,574	1,539	1,526	1,438	1,418	1,479	1,505	1,493	1,609	1,633	1,679	84.5
Confectionery and ice cream.....	107	82	91	92	94	105	111	113	119	111	122	121	123	88.7
Flour-mill and gristmill products.....	568	580	584	551	547	551	546	538	555	600	619	592	553	80.9
Foundry and machine-shop products.....	81	59	62	66	73	80	89	107	99	96	86	79	76	55.1
Printing and publishing, book and job.....	103	94	97	98	96	103	105	97	106	105	107	113	115	81.7
Printing and publishing, newspapers and periodicals.....	557	538	534	539	549	552	567	556	561	587	587	571	583	91.6
All other industries.....	620	407	407	416	444	480	611	780	803	781	774	773	784	61.9
<i>Industries showing large proportion of females.</i>														
Bread and other bakery products.....	82	67	65	62	68	71	85	90	95	97	94	98	92	63.3
Confectionery and ice cream.....	62	50	56	54	54	60	64	61	64	60	72	73	76	65.8
Printing and publishing, newspapers and periodicals.....	100	96	92	91	100	97	105	100	103	99	105	102	110	82.7
Total for cities.....	1,560	1,555	1,383	1,374	1,510	1,518	1,651	1,709	1,665	1,657	1,675	1,622	1,592	79.3
Males.....	1,382	<i>1,205</i>	1,230	1,227	1,366	1,350	1,471	1,528	1,468	1,465	1,470	1,411	1,387	78.9
Females.....	178	150	153	147	153	152	180	181	197	192	205	211	205	69.7
FARGO.....	723	605	602	614	78	706	795	823	787	791	777	755	743	73.1
Males.....	617	514	517	530	588	614	690	718	670	668	654	623	618	71.6
Females.....	106	91	85	84	90	92	105	105	117	123	123	132	125	63.6
GRAND FORKS.....	501	497	449	445	484	497	520	550	546	527	535	518	507	77.6
Males.....	439	370	389	380	429	437	466	469	480	470	463	446	434	76.9
Females.....	62	51	60	50	55	60	63	61	57	72	70	73	69.9	
MINOT.....	336	323	332	316	357	316	327	336	332	339	363	351	342	86.8
Males.....	326	315	324	308	349	305	315	321	318	327	353	342	335	85.4
Females.....	10	8	8	7	8	10	12	15	14	12	10	9	7	46.7

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—								
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.	
			(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	
All industries.....	1919	4,472	28	167	2,782	109	430	234	633	80	
	1914	3,275	<i>(2)</i>	<i>(2)</i>	765	116	560	472	996	366	
	1900	2,789	<i>(2)</i>	<i>(2)</i>	423	180	542	227	1,303	103	
Automobile repairing.....	1919	303			40	3	78	1	160	3	
	1914	13					2	1	10		
Bread and other bakery products.....	1919	242			162		17	4	46	14	
	1914	205			12	10	33	2	122	26	
Brick and terra-cotta products.....	1919	140				7	85		48		
	1914	171					16		155		
Butter.....	1919	212			30	2	15	5	126	34	
	1914	115			3		9	5	60	38	
Cars and general shop construction and repairs by steam-railroad companies.....	1919	1,539			145	1,212		182			
	1914	871			(2)	280		341			
							88				
Confectionery and ice cream.....	1919	107			60	12	26	1	6	2	
	1914	109			3		60	40			
Flour-mill and gristmill products.....	1919	568		7	371	1	45		119	25	
	1914	424					13		317	93	
Foundry and machine-shop products ²	1919	85			6	28	7		44		
	1914	76			2		2		72		
Printing and publishing, book and job.....	1919	103			101	2					
	1914	127			(2)	97	27	3			
Printing and publishing, newspapers and periodicals.....	1919	557		12	2	472	20	32			
	1914	205		(2)	(2)	308	64	183	9	59	2
All other industries.....	1919	616		9	20	319	34	134	41	59	
	1914	539		(2)	(2)	60	15	151	67	201	45
Total for cities.....	1919	1,560		9	20	999	74	236	39	160	23
	1914	1,033		(2)	(2)	218	43	172	114	347	139
FARGO.....	1919	723		9	20	361	74	129	32	75	23
	1914	690		(2)	(2)	136	41	147	27	259	80
GRAND FORKS.....	1919	501			340			103		58	
	1914	343			82		2	25	87	88	59
MINOT.....	1919	336			298			4	7	27	

¹ Includes 48 and under for 1914 and 1900.

² Corresponding figures not available.

³ Includes "iron and steel, welding."

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TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING.—										
	Establishments.	Wage earners (average number).	No wage earners.		1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		
			Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	
All industries.....	894	4,472	211	560	1,046	84	860	24	765	5	380	10	1,421
Automobile repairing.....	139	303	12	118	216	9	87	...	...	...	...	...	...
Bread and other bakery products.....	68	242	10	42	100	6	59	...	...	1	83	...	...
Brick and terra-cotta products.....	5	140	...	1	1	2	27	1	27	1	85	...	...
Butter.....	57	212	7	42	79	6	83	2	50	...	...	...	...
Cars and general shop construction and repairs by steam-railroad companies.....	21	1,539	...	3	11	5	65	3	96	1	80	9	1,287
Confectionery and ice cream.....	20	107	3	13	21	2	19	2	67	...	...	...	...
Flour-mill and gristmill products.....	87	598	14	51	99	15	130	5	207	2	132	...	...
Foundry and machine-shop products.....	20	81	4	13	29	2	24	1	28	...	...	...	...
Printing and publishing, book and job.....	17	103	5	7	17	4	61	1	25	...	...	...	...
Printing and publishing, newspapers and periodicals.....	301	557	109	173	281	14	123	5	153	...	...	...	...
All other industries.....	150	620	38	97	192	19	182	4	112	...	...	1	134
Total for cities.....	174	1,560	23	82	196	52	534	13	396	2	139	2	295
FARGO.....	101	723	15	45	110	34	369	6	161	1	83	...	...
GRAND FORKS.....	47	501	2	28	62	0	92	7	235	...	...	1	112
MINOT.....	26	336	6	9	24	0	73	...	...	1	56	1	183

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
	894	699	752	4,472	3,275	2,789	\$57,373,622	\$21,147,431	\$19,137,506	\$12,884,123	\$8,663,116	\$5,463,916
All classes.....	357	380	382	202	302	351	958,448	906,316	915,106	647,801	677,473	658,537
Less than \$5,000.....	282	206	238	582	581	628	2,800,704	2,000,450	2,350,795	1,589,010	1,000,318	1,103,610
\$5,000 to \$20,000.....	175	92	99	892	888	951	7,338,004	4,038,119	4,767,125	2,676,934	1,677,089	1,703,216
\$20,000 to \$100,000.....	63	33	133	{ 2,104 }	{ 1,506 }	1,859	{ 13,341,254 }	{ 3,069,209 }	{ 18,127,681 }	{ 4,585,937 }	{ 470,701 }	{ 13,299,236 }
\$100,000 to \$500,000.....	5	18	133	{ 145 }	{ 1,506 }	1,859	{ 11,104,180 }	{ 3,069,209 }	{ 18,127,681 }	{ 4,585,937 }	{ 470,701 }	{ 13,299,236 }
\$500,000 to \$1,000,000.....	12	...	...	547	...	...	20,860,008	...	...	2,913,740	...	1,008,553
PER CENT DISTRIBUTION.												
All classes.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000.....	39.9	51.5	50.8	4.5	9.2	12.6	1.7	4.3	4.8	5.0	10.2	12.1
\$5,000 to \$20,000.....	31.5	29.5	31.6	18.0	17.7	22.5	4.9	9.5	12.3	12.3	15.1	20.2
\$20,000 to \$100,000.....	19.6	13.2	13.2	19.9	27.1	34.1	12.8	19.1	24.9	20.8	25.2	31.2
\$100,000 to \$500,000.....	7.0	4.7	4.4	{ 47.1 }	{ 46.0 }	30.8	{ 23.3 }	{ 28.7 }	{ 58.0 }	{ 35.6 }	49.5	36.6
\$500,000 to \$1,000,000.....	0.6	1.2	4.4	{ 3.2 }	5.3	38.5	...	3.7
\$1,000,000 and over.....	1.3	12.2	52.1	22.6

¹ Includes the group "\$1,000,000 and over."

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TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.	
			1919	1914			1919	1914			1919	1914			1919	1914
AUTOMOBILE REPAIRING.....	139	6	100.0	100.0	303	13	100.0	100.0	\$1,231,981	\$36,651	100.0	100.0	\$686,060	\$21,984	100.0	100.0
Less than \$5,000.....	63	3	45.3	50.0	51	1	16.8	7.7	174,218	9,200	14.1	25.1	114,777	6,046	18.7	27.4
\$5,000 to \$20,000.....	65	3	46.8	50.0	175	12	57.8	92.3	631,015	27,451	51.2	74.9	396,395	15,938	57.8	72.5
\$20,000 and over.....	11	—	7.9	—	77	—	25.4	—	426,748	—	34.6	—	174,888	—	25.5	—
BREAD AND OTHER BAKERY PRODUCTS.....	68	58	100.0	100.0	242	205	100.0	100.0	1,949,673	810,465	100.0	100.0	736,937	365,785	100.0	100.0
Less than \$5,000.....	13	21	19.1	36.2	2	14	0.8	6.8	42,691	64,779	2.2	8.0	18,837	30,562	1.9	8.4
\$5,000 to \$20,000.....	28	32	41.2	55.2	30	86	12.4	42.0	291,275	313,551	14.9	38.7	116,267	143,013	15.8	39.1
\$20,000 and over.....	27	5	39.7	8.8	210	105	86.8	51.2	1,615,707	432,135	82.9	53.3	606,833	192,210	82.3	52.5
BUTTER.....	57	58	100.0	100.0	212	115	100.0	100.0	11,121,687	1,739,692	100.0	100.0	1,125,017	275,215	100.0	100.0
Less than \$5,000.....	3	—	5.3	—	1	—	0.5	—	8,783	—	0.1	—	2,654	—	0.2	—
\$5,000 to \$20,000.....	6	136	10.5	62.1	2	133	0.9	28.7	84,925	1,434,887	0.8	25.0	22,008	157,595	2.0	20.9
\$20,000 to \$100,000.....	34	17	59.6	29.3	53	40	25.0	34.8	1,505,652	567,606	14.3	32.6	227,034	61,522	20.2	33.3
\$100,000 to \$500,000.....	8	5	14.0	8.6	39	42	18.4	36.5	1,583,208	737,199	14.2	42.4	203,337	126,098	18.1	45.8
\$500,000 and over.....	6	—	10.5	—	117	—	55.2	—	7,849,119	—	70.6	—	669,384	—	59.5	—
FLOUR-MILL AND GRISTMILL PRODUCTS.....	87	59	100.0	100.0	568	424	100.0	100.0	29,282,056	12,029,905	100.0	100.0	3,058,961	1,957,061	100.0	100.0
Less than \$5,000.....	4	3	4.6	5.1	—	1	0.2	—	12,108	10,428	0.1	0.1	2,351	1,821	0.1	0.1
\$5,000 to \$20,000.....	17	11	19.5	18.6	9	14	1.6	3.3	214,197	113,789	0.7	0.9	28,297	21,030	1.0	1.1
\$20,000 to \$100,000.....	36	24	41.4	40.7	62	65	10.9	15.3	1,595,401	1,160,300	5.4	9.6	257,359	211,702	8.4	10.8
\$100,000 to \$500,000.....	21	21	24.1	35.6	139	344	24.5	81.1	4,900,312	10,745,388	16.7	89.3	510,154	21,723,102	88.0	88.0
\$500,000 and over.....	9	—	10.3	—	358	—	63.0	—	22,559,950	77.0	—	—	2,253,800	—	73.7	—
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS.....	301	331	100.0	100.0	557	625	100.0	100.0	2,685,869	1,805,071	100.0	100.0	2,051,953	1,488,253	100.0	100.0
Less than \$5,000.....	207	258	68.8	77.3	115	225	20.6	36.0	552,838	637,645	20.6	35.3	416,348	525,780	20.3	35.3
\$5,000 to \$20,000.....	71	64	23.6	19.3	167	200	30.0	32.0	601,448	495,284	22.4	27.4	461,610	394,576	22.5	26.5
\$20,000 to \$100,000.....	19	11	6.3	3.3	158	200	28.4	32.0	775,995	3,672,142	28.9	37.2	614,740	3,567,902	30.0	38.2
\$100,000 to \$500,000.....	4	—	1.3	—	117	—	21.0	—	755,588	—	28.1	—	559,255	—	27.2	—

¹ Includes the group "Less than \$5,000."² Includes the group "\$500,000 and over."³ Includes the group "\$100,000 to \$500,000."

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Percent of total.	Amount.	Percent of total.	Amount.	Percent of total.
FARGO.....	101	723	100.0	\$6,770,575	100.0	\$2,422,736	100.0
Less than \$5,000.....	19	7	1.0	40,465	0.6	31,199	1.3
\$5,000 to \$20,000.....	33	101	14.0	391,187	5.8	251,875	10.4
\$20,000 to \$100,000.....	30	221	30.6	1,202,838	17.8	627,390	25.9
\$100,000 and over.....	19	394	54.5	5,136,085	75.9	1,512,272	62.4
GRAND FORKS.....	47	501	100.0	6,779,123	100.0	1,400,803	100.0
Less than \$5,000.....	5	4	0.8	12,318	0.2	6,909	0.5
\$5,000 to \$20,000.....	20	55	11.0	208,315	3.1	124,908	8.6
\$20,000 to \$100,000.....	15	145	28.9	651,673	9.6	342,510	23.4
\$100,000 and over.....	7	297	59.3	5,906,817	87.1	986,476	67.5
MINOT.....	26	336	100.0	5,561,236	100.0	915,206	100.0
Less than \$5,000.....	3	—	—	6,927	0.1	5,269	0.6
\$5,000 to \$20,000.....	11	22	6.5	116,760	2.1	69,296	7.6
\$20,000 to \$100,000.....	7	47	14.0	336,652	6.1	165,049	18.0
\$100,000 and over.....	5	267	79.5	5,100,897	91.7	675,592	73.8

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TABLE 14.—CHARACTER OF OWNERSHIP FOR SELECTED INDUSTRIES AND CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.								
					In establishments owned by—			Per cent of total.						Of establishments owned by—			Per cent of total.		
		Total.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	Total.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	
All industries.....	1919	451	268	175	4,472	583	3,421	468	13.0	76.5	10.5	\$57,373,622	\$5,101,635	\$45,548,509	\$6,633,478	9.0	79.4	11.6	
	1914	418	165	116	3,275	703	2,366	206	21.5	72.2	6.3	21,147,431	3,282,460	16,140,185	1,744,767	15.4	76.3	8.3	
	1909	472	133	147	2,789	775	1,752	202	27.8	62.8	9.4	10,137,506	3,655,937	13,586,608	1,004,961	18.6	71.0	10.4	
Automobile repairing.....	1919	68	29	42	303	92	132	79	30.4	43.6	26.1	1,231,981	346,252	534,914	360,815	28.1	43.4	28.5	
	1914	1	1	4	13	.....	13	.....	.....	.....	.....	.....	.....	.....	130,651	.....	.....	.....
Bread and other bakery products.....	1919	51	5	12	242	100	109	33	41.3	45.0	13.6	1,940,073	897,103	759,148	203,422	40.0	38.9	15.0	
	1914	48	5	5	205	99	91	15	48.3	44.4	7.3	810,463	374,288	353,508	82,671	46.2	43.6	10.2	
Butter.....	1919	21	18	18	212	28	140	44	13.2	66.0	20.8	11,121,687	918,285	8,187,298	2,016,104	8.3	73.6	18.1	
	1914	14	21	23	115	27	56	32	23.5	48.7	27.8	1,739,692	425,525	881,514	432,653	24.4	50.7	24.9	
Flour-mill and gristmill products.....	1919	23	49	15	568	32	501	35	5.6	88.2	6.2	29,282,056	1,073,858	27,005,305	1,112,893	3.7	92.5	3.8	
	1914	13	37	9	424	38	354	32	9.0	83.5	7.5	12,029,903	1,005,772	10,346,696	878,537	8.4	86.0	5.6	
Printing and publishing, newspapers and periodicals.....	1919	179	77	45	557	154	358	45	27.6	64.3	8.1	2,686,569	788,009	1,598,017	299,843	29.3	59.5	11.2	
	1914	244	37	50	626	318	261	46	50.0	41.8	7.4	1,805,071	821,308	709,857	273,840	45.5	39.3	15.2	
Total for cities.....	1919	55	82	37	1,560	151	1,288	121	9.7	82.6	7.7	19,110,934	1,060,033	16,089,326	1,952,575	5.6	84.2	10.2	
	1914	37	55	16	1,033	137	862	34	13.3	83.4	3.3	4,821,712	456,632	4,170,158	194,922	9.5	86.5	4.0	
FARGO.....	1919	36	44	21	723	109	535	79	15.1	74.0	10.9	6,770,575	829,617	4,329,287	1,611,691	12.3	63.9	23.8	
	1914	28	36	12	690	109	552	20	15.8	80.0	4.2	3,006,043	306,715	2,504,307	105,021	13.2	83.3	3.5	
GRAND FORKS.....	1919	12	26	9	501	24	462	15	4.8	92.2	3.0	6,779,123	127,433	6,550,027	101,663	1.9	96.6	1.5	
	1914	9	10	4	343	28	310	5	8.2	90.4	1.4	1,815,669	59,017	1,665,851	89,901	3.3	91.7	5.0	
MINOT.....	1919	7	12	7	336	18	291	27	5.4	86.6	8.0	5,561,236	111,983	5,210,032	239,221	2.0	93.7	4.3	

¹ Includes the groups "Individuals" and "Corporations."

TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.		THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.	
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places.....	1919	.....	3	.....	.....	.....
	1914	.....	2	.....	.....	.....
	1909	.....	2	.....	.....	.....
Population ¹	1920	646,872	46,447	7.2	600,425	92.8
	1915	686,906	31,178	4.5	655,788	95.5
	1910	577,056	26,809	4.6	550,247	95.4
Number of establishments.....	1919	894	174	19.5	720	80.5
	1914	690	108	15.5	591	84.5
	1909	752	99	13.2	663	88.8
Average number of wage earners.....	1919	4,472	1,560	34.9	2,912	65.1
	1914	3,275	1,038	31.5	2,242	68.5
	1909	2,789	880	30.8	1,929	69.2
Value of products.....	1919	\$57,373,622	\$10,110,934	33.3	\$38,262,688	68.7
	1914	21,147,431	4,821,712	22.8	16,325,719	77.2
	1909	10,137,506	4,386,907	22.9	14,750,599	77.1
Value added by manufacture.....	1919	12,884,123	4,798,745	37.2	8,085,378	62.8
	1914	6,668,116	2,087,718	31.3	4,575,398	68.7
	1909	5,483,916	1,720,061	31.6	3,737,855	68.4

¹ Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

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TABLE 16.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total.....	1,639	1,086	749	17,791	14,062	13,196	100.0	100.0	100.0
Owned.....	409	438	442	12,301	11,124	12,004	60.1	70.1	91.0
Steam.....	114	135	109	10,060	9,627	10,170	56.5	68.5	77.1
Engines.....	103	(1)	(1)	9,589	(1)	(1)	53.9	.....	.....
Turbines.....	11	(1)	(1)	471	(1)	(1)	2.6	.....	.....
Internal-combustion engines.....	289	294	265	1,981	1,198	1,304	11.1	8.5	9.9
Water.....	6	9	8	260	299	530	1.5	2.1	4.0
Water wheels and turbines.....	5	6	8	250	273	530	1.4	1.9	4.0
Water motors.....	1	3	.....	10	26	.....	0.1	0.2	.....
Rented.....	1,230	598	307	5,490	2,938	1,192	30.9	20.9	9.0
Electric.....	1,230	598	307	5,490	2,856	1,164	30.9	20.3	8.8
Other.....	.....	.....	.....	82	28	.....	.....	0.6	0.2
Electric.....	1,357	660	336	6,773	3,800	1,698	100.0	100.0	100.0
Rented.....	1,230	598	307	5,490	2,856	1,164	81.1	75.2	88.8
Generated by establishments reporting.....	127	62	28	1,283	944	534	18.9	24.8	31.4

¹ Not reported separately.

TABLE 17.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	COAL.			Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).					
All industries.....	1910.....	1,736	192,434	1,498	2,559	2,324	6,451
	1914.....	5,282	145,871	1,371	3,280	(1)	2,221
Per cent of increase ²		-67.1	31.9	9.3	48.9	(1)	100.5
Automobile repairing.....		146	2,111	12	19	320	544
Bread and other bakery products.....		535	3,497	373	12	18	1,932
Brick and terra-cotta products.....		200	15,165	72	22	125	.....
Butter.....		6,015	56,519	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.....		283	79,962	2	814	970	.....
Flour-mill and gristmill products.....		289	15,830	625	1,620	.....	.....
Gas, illuminating and heating.....		167	3,026	17	45	438	1,933
Printing and publishing, newspapers and periodicals.....		588	10,300	397	27	403	2,041
All other industries.....		588	49,449	433	.....	230	4,915
Total for cities.....		304	10,541	140	.....	48	3,063
FARGO.....		137	11,621	162	.....	100	1,882
GRAND FORKS.....		147	21,287	122	.....	22	.....

¹ Included in figures for fuel oils.² A minus sign (—) denotes decrease.

MANUFACTURES—NORTH DAKOTA.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for three of these industries for North Dakota are here presented.

Flour-mill and gristmill products (Table 18).—Wheat flour is the predominating product at each of the censuses for which figures are shown, representing 77.3 per cent of the total value of products for the industry in 1909, 82 per cent in 1914, and 85.4 per cent in 1919. As illustrative of the high prices of commodities in 1919 as compared with 1914, the quantity of wheat flour increased 2.7 per cent during that five-year period, while the value shows a gain of 153.3 per cent.

TABLE 18.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value.....	\$29,282,056	\$12,029,905	\$11,685,116
Wheat flour:			
Barrels.....	2,224,428	2,165,078	1,825,920
Value.....	\$24,089,758	\$9,884,400	\$9,034,418
Graham flour:			
Barrels.....	727	.....	.....
Value.....	\$7,726	.....	.....
Rye flour:			
Barrels.....	381	844	153
Value.....	\$3,357	\$4,037	\$581
Corn meal and corn flour:			
Barrels.....	205	445	1,626
Value.....	\$1,704	\$2,120	\$5,124
Buckwheat flour:			
Pounds.....	700	.....	.....
Value.....	\$56	.....	.....
Barley meal:			
Pounds.....	144,000	.....	.....
Value.....	\$8,300	.....	.....
Bran and middlings:			
Tons.....	68,287	80,415	.....
Value.....	\$2,779,831	\$1,594,885	106,932
Feed and offal:			
Tons.....	32,609	13,675	\$2,360,171
Value.....	\$1,489,373	\$463,155	.....
Breakfast foods:			
Pounds.....	18,260	363,761	.....
Value.....	\$862	\$18,480	.....
All other cereal products, value.....		\$74,619	\$266,213
All other products, value.....	\$5,099	\$8,200	\$18,609

Butter (Table 19).—From 1914 to 1919 there was a much greater increase in both the quantity and value of butter packed solid as compared with that for prints or rolls, the former increasing 277.7 per cent in quantity and 658.1 per cent in value, and the latter 90.5 per cent and 305.8 per cent, respectively.

TABLE 19.—BUTTER: 1919, 1914, AND 1909.

	1919	1914	1909
Total value.....	\$11,121,687	\$1,739,692	\$1,029,135
Butter:			
Packed solid—			
Pounds.....	17,069,098	4,518,736	2,873,519
Value.....	\$8,807,596	\$1,161,820	\$756,158
Prints or rolls—			
Pounds.....	2,467,887	1,295,504	810,160
Value.....	\$1,398,802	\$344,072	\$225,197
Cream sold:			
Pounds.....	110,994	307,547	3,348
Value.....	\$22,396	\$30,941	\$496
All other products, value.....	\$892,893	\$202,259	\$47,284

Printing and publishing (Table 20).—This table shows the number and average circulation per issue of all newspapers and periodicals published in North Dakota during the years 1919, 1914, and 1909. Of the daily newspapers, 11, with a circulation of 52,819, were published in the afternoon. Nine publications were printed in foreign languages—4 in German, 3 weekly and 1 semiweekly; 2, weekly, in English and German; 2 in Norwegian, 1 weekly and 1 semiweekly; and 1, semiweekly, in English and Norwegian. The aggregate circulation of these was 15,370.

TABLE 20.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION, PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total.....	324	341	333	495,118	457,595	372,642
Daily ¹	16	12	16	110,660	74,860	80,854
Weekly ²	298	317	311	321,074	287,275	260,288
Monthly ³	10	12	6	63,375	115,660	31,500

¹ Includes 2 Sunday newspapers in 1919 and 1914 and 4 in 1909.

² Includes 3 semiweekly newspapers in 1919, 2 in 1914, and 1 in 1909.

³ Includes 2 bimonthly publications in 1914 and 1 in 1909.

Laundries (Table 21).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 21, however, summarizes the statistics for such laundries in the state of North Dakota for 1919 and 1914.

TABLE 21.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of In- crease, 1914- 1910.
	1919	1914	
Number of establishments.....	29	30	.....
Persons engaged.....	488	478	2.1
Proprietors and firm members.....	27	31	.....
Salaried employees.....	35	38	.....
Wage earners (average number).....	426	409	4.2
Primary horsepower.....	506	725	-30.2
Capital.....	\$815,070	\$552,458	11.3
Salaries and wages.....	334,889	242,805	37.9
Salaries.....	57,592	34,852	65.2
Wages.....	277,297	207,953	33.3
Paid for contract work.....	1,233	2,155	-42.8
Rent and taxes.....	26,557	13,884	84.1
Cost of materials.....	255,235	142,804	78.7
Amount received for work done.....	844,433	592,843	42.4

¹ A minus sign (—) denotes decrease; percentages are omitted where base is less than 100.

Dyeing and cleaning (Table 22).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

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TABLE 22.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments.....	14
Persons engaged.....	90
Proprietors and firm members.....	20
Salaried employees.....	6
Wage earners (average number).....	64
Primary horsepower.....	77
Capital.....	\$140,535
Salaries and wages.....	62,408
Salaries.....	4,583
Wages.....	57,825
Paid for contract work.....	5,850
Rent and taxes.....	10,892
Cost of materials.....	40,952
Amount received for work done.....	201,086

Custom gristmills (Table 23).—A summary of the more important data for custom gristmills is presented in this table. These statistics are not included in the general tables nor in the totals for manufacturing industries.

GENERAL TABLES.

Table 24 gives the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and for selected industries in the state; and for the cities, Fargo and Grand Forks, similar data for all industries combined, 1919, 1914, and 1909. Certain kindred industries are com-

TABLE 23.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of in- crease, 1909- 1919.
	1919	1909	
Number of establishments.....	98	58	.....
Persons engaged.....	109	79	.....
Proprietors and firm members.....	89	60	.....
Salaried employees.....	2	2	.....
Wage earners (average number).....	18	17	.....
Primary horsepower.....	2,036	1,270	60.3
Capital.....	\$357,070	\$168,192	112.3
Salaries and wages.....	17,225	8,800	94.4
Salaries.....	1,543	980	57.4
Wages.....	15,682	7,880	99.0
Rent and taxes.....	6,296	(2)	.....
Cost of materials ¹	1,800,135	730,458	146.4
Value of products ²	2,124,677	824,782	157.6

¹ Percentages are omitted where base is less than 100.

² Figures not available.

³ Includes estimate of all grain ground.

bined in some instances for comparison with the 1909 figures.

Table 25 presents, for 1919, statistics in detail for the state as a whole and for each industry that can be shown without the disclosure of individual operations and the statistics for all industries combined for the three cities of 10,000 inhabitants or more.

TABLE 24.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND CITIES: 1919, 1914, AND 1909.

INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	Expressed in thousands.										
								INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	Expressed in thousands.		
All industries.....	1919	804	4,472	17,791	\$5,401	\$44,480	\$57,374	Gas, illuminating and heating.....	1919	5	43	66	\$80	\$155	\$384			
	1914	699	3,275	14,002	2,416	14,484	21,147		1914	9	52	65	29	109	273			
	1909	752	2,789	13,190	13,674	18,178			1909	6	28	52	13	78	199			
Automobile repairing.....	1919	139	303	767	368	546	1,232	Lumber, planing-mill products, not including planing mills connected with sawmills.....	1919	10	48	428	40	90	198			
	1914	6	13	33	8	15	37		1914	6	69	280	53	167	249			
	1909								1900	8	83	240	50	89	187			
Bread and other bakery products.....	1919	68	242	328	223	1,213	1,950	Marble and stone work.....	1919	12	33	71	48	303	406			
	1914	58	205	226	121	445	810		1914	7	21	10	17	50	92			
	1909	67	146	88	84	346	601		1909	7	15	18	11	43	96			
Brick and terra-cotta products.....	1919	5	140	901	157	81	309	Mineral and carbonated waters.....	1919	22	31	76	34	198	389			
	1914	9	171	1,728	101	59	270		1914	24	56	149	35	121	282			
	1909	13	188	668	88	73	287		1909	26	63	103	38	133	304			
Butter.....	1919	57	212	1,264	241	9,997	11,122	Printing and publishing.....	1919	318	660	1,278	781	851	3,225			
	1914	58	115	669	93	1,484	1,740		1914	361	752	1,212	547	485	2,220			
	1909	68	62	854	46	891	1,029		1909	330	788	948	533	440	1,910			
Cars and general shop construction and repairs by steam-railroad companies.....	1919	21	1,539	720	2,016	941	3,183	Saddlery and harness.....	1919	14	65	80	66	504	676			
	1914	7	871	718	746	412	1,235		1914	10	88	57	63	274	422			
	1909	5	463	832	340	300	680		1909	19	98	93	53	462	683			
Confectionery and ice cream.....	1919	20	107	172	79	440	757	All other industries.....	1919	76	341	1,626	482	2,590	3,384			
	1914	6	109	90	52	322	474		1914	63	188	741	109	280	476			
	1909								1909	111	377	853	207	637	1,219			
Copper, tin, and sheet-iron work.....	1919	16	55	81	60	217	411	CITY.										
	1914	9	65	72	51	207	321	FARGO.....	1919	101	723	1,627	861	4,348	6,771			
	1909	8	63	86	41	127	258		1914	76	690	1,275	447	1,741	3,006			
Flour-mill and gristmill products.....	1919	87	568	9,684	679	26,223	29,282		1909	61	510	789	325	1,410	2,477			
	1914	59	424	7,840	330	10,072	12,030	GRAND FORKS.....	1919	47	501	1,175	530	5,318	6,779			
	1909	84	435	8,907	283	10,055	11,685		1914	32	343	913	288	998	1,816			
Foundry and machine-shop products ³	1919	24	85	274	117	140	376		1909	38	350	773	218	1,251	1,910			
	1914	17	76	184	61	82	216											

¹ Includes "iron and steel, welding."

MANUFACTURES—NORTH DAKOTA.

TABLE 25.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.	
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.	Male.	Female.
								Maximum month.	Minimum month.					

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

															Dollars.
1	All industries.....	894	6,148	774	380	325	197	4,472	Oc 4,850	Mh 3,089	(*)	(*)	(*)	(*)	24,540,838
2	Artificial stone products.....	8	36	9	4	—	—	23	Jy 51	Ja 2	36	36	—	—	33,980
3	Automobile bodies and parts.....	5	18	4	2	—	—	12	Oc 4 18	Ja 4 10	15	15	—	—	27,282
4	Automobile repairing.....	139	500	159	20	10	8	303	Jy 392	Ja 203	293	201	2	—	1,723,901
5	Bread and other bakery products.....	68	359	78	10	20	9	242	Se 273	Mh 206	257	163	91	3	843,218
6	Brick and terra-cotta products.....	5	152	3	6	1	2	140	Jy 208	De 88	114	102	1	11	217,551
7	Butter.....	57	346	31	31	37	35	212	Jy 326	Ja 131	184	166	17	1	1,621,187
8	Carriages and wagons, including repairs.....	3	7	4	—	—	—	3	Jy 4 4	Ja 4 2	3	3	—	—	17,408
9	Cars and general shop construction and repairs by steam-railroad companies.....	21	1,617	—	53	17	8	1,539	Do 1,679	Je 1,418	1,540	1,521	19	—	2,839,577
10	Condensed milk.....	3	8	—	2	1	2	3	Se 4 6	Ja 4 1	6	6	—	—	96,071
11	Confectionery and ice cream.....	20	157	18	18	13	3	107	Oc 4 80	Ja 4 57	133	56	77	—	596,894
12	Confectionery.....	6	98	6	8	12	3	67	Oc 4 80	Ja 4 57	81	28	53	—	391,497
13	Ice cream.....	14	61	12	8	1	—	40	Au 51	Ja 25	25	52	28	24	205,397
14	Copper, tin, and sheet-iron work.....	16	87	16	6	9	1	55	Jy 77	Ja 37	54	54	—	—	319,875
15	Flour-mill and gristmill products.....	87	748	63	73	42	12	563	Oc 619	Jy 538	562	577	3	2	7,745,781
16	Foundry and machine-shop products.....	20	118	22	9	3	3	81	Jy 107	Ja 59	79	79	—	—	301,146
17	Fur goods.....	3	27	4	—	—	1	22	No 30	Ap 17	24	8	16	—	76,878
18	Gas, illuminating and heating.....	5	69	—	9	14	3	43	Oc 51	Fe 37	43	43	—	—	1,005,972
19	Iron and steel, welding.....	4	9	5	—	—	—	4	Jy 4 7	Ja 4 2	6	6	—	—	34,975
20	Lumber, planing-mill products, not including planing mills connected with saw-mills.....	10	63	6	6	2	1	48	Se 4 57	Fe 4 40	52	52	—	—	214,716
21	Marble and stone work, monuments and tombstones.....	12	60	11	2	11	3	33	Je 39	Oc 29	30	20	1	—	251,158
22	Mineral and carbonated waters.....	22	65	17	8	7	2	31	Jy 43	Ja 4 23	34	34	—	—	309,275
23	Printing and publishing, book and job.....	17	149	17	12	10	7	103	De 115	Ja 94	114	85	23	6	435,538
24	Printing and publishing, newspapers and periodicals.....	301	1,040	253	84	75	71	557	—	—	595	460	101	28	2,739,807
25	Printing and publishing.....	9	136	4	16	16	25	75	(*) 75	(*) 75	74	64	2	8	388,151
26	Printing, publishing, and job printing.....	270	861	230	59	55	40	477	De 503	Fe 454	518	392	98	20	2,308,085
27	Publishing without printing.....	16	43	19	9	4	6	5	(*) 5	(*) 5	5	4	1	—	43,391
28	Saddlery and harness.....	14	96	13	8	7	3	65	Fo 4 76	Se 58	67	67	—	—	634,001
29	Tobacco, cigars.....	14	31	18	1	—	—	12	Au 15	Ja 4 10	15	14	1	—	40,328
30	All other industries*.....	40	386	33	18	46	23	286	—	—	—	—	—	—	2,423,745

* All other industries embrace—	Cars and general shop construction and repairs by electric-railroad companies.	Dental goods, other than teeth.	Engines, steam, gas, and water.	1
Agricultural implements.....	1	Drugists' preparations.	Fax and hemp, dressed.	1
Awnings, tents, and sails.....	1	Electrical machinery, apparatus, and supplies.	Grease and tallow, not including lubricating greases.	1
Carriage and wagon materials.....	1	Corsets.	Hand stamps.	2

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1	FARGO.....	101	1,056	78	89	100	66	723	Jy 823	Fe 802	768	639	128	3	4,102,057
2	GRAND FORKS.....	47	683	35	47	62	38	501	Jy 550	Ja 427	504	421	73	10	2,030,209
3	MINOT.....	28	402	22	17	18	9	338	Oc 363	Mh 4 315	329	317	10	2	1,672,433

¹ Includes water wheels and turbines (irrespective of ownership of water supply) and water motors (operated by water from city mains).

² Electric motors operated by rented (or purchased) current.

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COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.									POWER.								
Salaries and wages.			Rent and taxes.			For materials.			Value added by manufacture.	Primary horsepower.					Electric horsepower generated in establishments reporting.		
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.	Owned.			Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rent-ed. ¹	
										Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹				

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

Dollars. 858,097	Dollars. 575,940	Dollars. 5,401,330	Dollars. 118,189	Dollars. 176,291	Dollars. 477,948	Dollars. 43,477,254	Dollars. 1,012,245	Dollars. 57,373,622	Dollars. 12,884,123	17,701	0,589	471	1,981	260	5,400	1,283	1
3,484	21,475	75	306	35,609	819	85,147	48,719	17	2	15	26	26	2	15	26	2	2
27,156	15,524	367,920	1,173	23,907	18,161	505,501	40,420	1,231,081	636,060	767	323	444	21	4	303	21	4
23,480	33,288	222,629	3,002	22,507	14,834	1,167,647	45,089	1,949,678	726,927	328	10	10	10	10	303	5	6
12,950	5,617	150,566	2,133	10,075	6,448	21,513	69,707	803,550	227,330	901	600	300	1	95	792	5	7
92,620	87,643	241,340	15,189	7,567	58,691	9,936,669	60,001	11,121,087	1,125,017	1,284	347	30	95	8	3	3	8
		5,986		990	87	4,402	461	20,751	15,888	11					198	350	9
143,495	28,604	2,015,973		53,204	789,940	151,269	3,182,706	2,241,497	720	522							
2,240	2,296	5,398		2,112	273	33,206	1,126	48,152	13,820	630					630	10	
24,684	37,259	78,904		4,508	44,342	428,647	11,716	757,057	316,694	172	42	39	91	28	11		
15,284	32,259	49,287		3,113	40,144	178,963	4,774	394,682	210,925	63	42		21	28	12		
9,400	2,000	32,617		1,395	4,198	249,684	6,942	302,395	105,769	109			38	70	13		
14,632	14,922	59,036		1,034	4,728	213,595	3,478	411,278	194,205	81			12	69	14		
152,756	62,819	679,496		1,245	173,707	25,901,190	321,905	29,282,056	3,058,961	9,664	7,407	85	1,062	250	860	688	15
14,141	5,937	111,355	184	3,792	3,151	122,977	10,715	354,612	220,920	261			19	242	16		
1,080	22,092	480		1,009	21,800	630	55,556	36,120	6				6	17			
17,270	15,019	60,076	845	1,342	13,658	7,373	147,836	384,467	229,258	66	58	10			18		19
17,058	3,640	39,748		1,605	337	4,586	1,676	21,250	14,094	13			37		386	20	
		1,252		2,675	83,432	6,730	107,773	107,561	423								
5,600	32,700	48,413	10,000	459	1,763	299,513	8,647	496,038	102,878	71			2	69	21		
14,349	12,381	33,977	302	5,284	15,890	192,660	5,538	388,777	190,549	76			8	68	22		
31,709	18,450	106,814	6,811	12,030	3,072	204,655	12,580	539,158	321,923	144			2	142	1	23	
183,097	148,837	674,011	74,092	50,073	25,846	504,201	69,716	2,688,360	2,051,953	1,134	7	5	347	775	38	24	
36,338	36,577	119,841	600	4,164	2,912	90,760	8,958	421,385	321,661	159	5	5	5	144	25		
124,597	106,885	547,374	14,700	53,149	22,838	458,855	60,733	2,075,014	1,555,428	975	2	342		631	38	26	
22,162	5,375	6,296	59,392	1,700	96	14,580	24	180,470	174,808						27		
15,500	11,280	65,999	503	3,066	7,297	409,478	4,640	676,800	172,182	80				80	2	23	
1,200	14,112			1,023	9,597	34,933	975	72,284	36,376							29	
59,387	38,784	340,985	2,725	10,005	18,446	2,377,643	40,839	3,036,572	800,090	936	608	41	14		273	150	30

^a No figures given for reasons stated under "Explanation of terms."

^b Same number reported for one or more other months.

^c Same number reported throughout the year.

Ice, manufactured.....	1	Optical goods.....	2	Signs, electric.....	1	Trunks and valises.....	1
Jewelry.....	1	Patent medicines.....	2	Slaughtering and meat packing.....	1	Upholstering materials.....	2
Leather, tanned, curried, and finished	2	Perfumery and cosmetics.....	1	Smelting and refining, not from the	1	Windmills.....	1
Mattresses and spring beds.....	1	Photo-engraving.....	1	ore.....	1	Wooden goods, not elsewhere specified	1
Oil, composition oil.....	1	Pickles, preserves, and sauces.....	2	Tools, not elsewhere specified.....	1		

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

208,232	178,370	861,241	52,899	48,527	58,070	4,160,966	186,873	6,770,575	2,422,736	1,627	103	6	20	10	1,488	128	1
113,478	110,995	529,518	2,825	23,248	77,131	5,239,385	78,635	6,779,123	1,460,803	1,175	579	44	4	179	76	2	2
38,780	31,111	382,836	6,300	13,351	43,502	4,592,840	53,190	5,561,236	915,206	962	735	44	4	179	76	3	3

MINES AND QUARRIES—NORTH DAKOTA.

EXPLANATION OF TERMS.

Scope of census and period covered.—The census of mines, quarries, and petroleum or natural-gas wells does not cover enterprises which were idle; that is, in which neither productive nor development work was done during the entire year, or the products of which were valued at less than \$500; or in the case of bituminous coal mining, producing less than 1,000 tons, or, if not productive, in which development work amounting to less than \$5,000 was done. The returns relate to the calendar year 1919. When use is made of the statistics relating to character of ownership, size of enterprises, and similar subjects, it is imperative that due attention be given their limitations, particularly in connection with any attempt to show average wages, cost of production, or profits.

The enterprise.—The term "enterprise" represents one or more mines and quarries, wells or groups of wells, or natural-gas gasoline plants, all within the same state, operated under a common ownership or unified control, or for which only one set of books of account was kept, and for which a single report was secured. It may cover plants at several localities within the same state. If plants under unified control were not all located within the same state, separate reports were secured in order that statistics for the several enterprises thus defined might be included in statistics for the states in which they were located. The enterprise is further defined as being limited to a single industry.

Number of mines, quarries, wells, and plants.—Under these designations is given the number of mines, quarries, wells, and gasoline plants shown by the returns. As a rule each group of workings at a given locality in which operations were conducted as a unit or were unified by common management or joint handling of some part of the mining process, has been considered as a single mine or quarry. Many individual openings, therefore, are not counted as individual mines. The total number reported comprises those in operation or in the course of development during the year 1919. For petroleum and natural-gas wells the individual wells were counted and the total number productive December 31, 1919, is reported. The number of natural-gas gasoline plants is the total number reported in operation during the year.

Classification by industries.—The enterprises reported have been grouped by industries according to the kind of products.

Selected industries.—The detailed table gives the principal facts separately for the leading industries of the state.

Influence of increased prices.—In comparing figures for cost of supplies and materials and value of products with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years.

Persons engaged in the industry.—The number of persons engaged in each industry, by occupation, sex, and, in the case of wage earners, also by age, was reported for a single representative day. In addition to the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively.

Prevailing hours of labor.—This inquiry called merely for the prevailing practice followed in each enterprise. Occasional variations in hours from one part of the year to another were disregarded, and also where a few wage earners might have hours differing from the majority. All the wage earners of each enterprise are therefore counted in the class within which the enterprise falls.

Capital.—The instructions on the schedule relating to capital were as follows: "The answer should show the total amount of capital, owned and borrowed, invested by the operator in the enterprise on the last day of the business year reported. Do not include securities and loans representing investments in other enterprises." The reports received in respect to capital, however, have in so many cases been defective that the data compiled only indicate very general conditions.

Expenses.—The expenses reported in the census of 1919 include salaries and wages; the cost of supplies, materials, and fuels, including the freight on these; cost of power purchased; the cost of contract work; royalties and rents paid; and taxes paid or assessed. The census of 1909 reported in addition to the items of expense covered by the present census all other items of expense incident to that year's business, except interest on indebtedness, dividends, and allowances for depreciation.

Supplies and materials, fuel, and power.—Statistics as to supplies and materials, fuel, and power, relate to the cost of these used during the year which may be more or less than the amount purchased during the year. The term "supplies and materials" covers mine, mill, quarry, and well supplies, and mineral purchased for treatment, resale, or distribution.

Royalties and rents.—The amounts given under this head represent the payment to fee holders or the value of share of product credited to fee holders for mineral output from leased land, and also rents paid for plants, equipment, and privileges or easements.

Taxes.—The taxes include Federal capital stock; corporation income, and excess profits tax; and also state, county, and local taxes. The data compiled in respect to Federal taxes are very defective as many mining corporations are engaged in other business and have sources of income other than from mining and do not pay taxes on mining separately.

Expenditures for development work.—In the statistics for producing enterprises that part of the expenses for salaries, wages, contract work, supplies and materials, fuel, and power credited to development work is shown as expenditures for development work. For nonproducing enterprises the total of these expenses is given as expenditure for development work.

Quantity of products.—In so far as the statistics on quantities of mineral products in 1919 are available for the states, they will be found in the reports of the United States Geological Survey.

Value of products.—The amounts given under this heading represent the selling value at point of production or f. o. b. at point of shipment, or such other value as may represent the net value or amount received for the 1919 product under the terms by which it was disposed of, and also includes the value at point of production of products used by the operating company.

Cost of mining and profits.—The data do not show entire cost of mining and well operations, and can not be used for the calculation of profits. No account was taken of depreciation or interest; rent of offices and buildings other than those for mines, quarries, and wells; insurance, selling, and other sundry expenses.

Lands controlled.—The inquiry on land tenure was confined to land pertaining to the operations covered by the report. In many of these, however, land held in reserve for future development and for other purposes not pertaining to mining was included and also a large number of more or less unsatisfactory estimates.

Power used.—The figures on power represent the rated capacity of the engines, motors, etc., and not the amount in actual daily use.

Fuel.—Statistics of fuel are shown only for anthracite and bituminous coal, coke, wood, oil, and gas. As only the principal varieties of fuel are shown, no comparison can be made with the total cost.

MINES AND QUARRIES—NORTH DAKOTA.

STATISTICS FOR THE STATE.

North Dakota, which ranks sixteenth among the states in size (land area, 70,183 square miles) and thirty-sixth in population (646,872 in 1920), ranked thirty-ninth in value of products in 1919. The state ranked forty-first in total number of persons engaged in the mining industry and in the average number of wage earners employed.

The only mining industry in North Dakota for which statistics can be presented for 1919 was the mining of coal. Production of petroleum and natural gas was reported, but the operations were too small to come within the scope of the census. The total value of coal produced was \$1,927,304, an increase of 241.2 per cent over the value of all products reported at the census of 1909. This increase and the increases in capital, salaries and wages, cost of supplies and materials and fuel and power, as shown in Table 1, are in large part due to general price increases during the census interval. The real growth of mining in the state, however, is indicated by the increases in number of enterprises and individual mines and quarries operated and average number of wage earners employed.

The coal mined in North Dakota is lignite. Pro-

duction was reported from the western half of the state, chiefly from Burleigh County, but also from 15 other western counties.

The character of organization of the mining enterprises is shown in Table 2, which brings out the fact that although corporations conducted only about a fourth of the total number of mining enterprises, these were the larger enterprises and they collectively employed 73.8 per cent of the total number of wage earners and reported 66.3 per cent of the total value of products.

Table 3 shows that the coal mines of North Dakota were all small; only 2 enterprises reported more than 50 wage earners, and together these employed 46 per cent of the total number of wage earners.

The prevailing hours of labor in North Dakota mines in 1919 are shown in Table 4 to have been 44 to 53 per week. The 8-hour day and 6-day week prevailed.

The statistics for wage earners given in Table 5, showing changes in the number employed month by month, reflect the influence of seasonal demand.

Table 6 presents statistics in detail for the mining industry of the state.

TABLE 1.—COMPARATIVE SUMMARY, PRODUCING ENTERPRISES: 1919 AND 1909.

	MINING INDUSTRIES.		Per cent of increase. ¹		MINING INDUSTRIES.		Per cent of increase. ¹
	1919	1909			1919	1909	
Number of enterprises.....	79	53	.....	Capital.....	\$1,865,347	\$1,058,649	76.2
Number of mines and quarries.....	79	53	.....	Principal expenses:			
Number of natural-gas wells.....	6	6	.....	Salaries.....	150,040	62,589	155.1
Persons engaged.....	939	662	41.8	Wages.....	1,020,126	364,321	182.5
Proprietors and firm members, total.....	75	51	.....	Contract work.....	30,750	1,325	.....
Number performing manual labor in or about the mines and quarries.....	23	19	.....	Supplies and materials.....	283,633	95,352	107.5
Salaried employees.....	90	49	.....	Fuel and power.....	37,694	12,835	103.7
Wage earners (average number).....	774	562	37.7	Royalties and rents.....	30,368	10,647	180.9
Power used (horsepower).....	2,037	2,025	0.6	Taxes.....	19,922	4,800	383.3
				Value of products.....	1,927,304	564,812	241.2

¹ Percentages are omitted where base is less than 100.

TABLE 2.—CHARACTER OF ORGANIZATION, PRODUCING ENTERPRISES: 1919.

INDUSTRY AND CHARACTER OF ORGANIZATION.	Number of enter- prises.	Number of wage earners.	VALUE OF PRODUCTS.		PER CENT DISTRIBUTION.		
			Total.	Per enterprise.	Enter- prises.	Wage earners.	Value of products.
COAL, BITUMINOUS.....	79	774	\$1,927,304	\$24,306	100.0	100.0	100.0
Corporation.....	19	571	1,278,106	67,273	24.1	73.8	66.3
Individual.....	48	160	497,140	10,357	60.8	20.7	25.8
Firm.....	12	43	151,968	12,684	15.2	5.6	7.9

MINES AND QUARRIES—NORTH DAKOTA.

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TABLE 3.—SIZE OF PRODUCING ENTERPRISES, BY AVERAGE NUMBER OF WAGE EARNERS: 1919.

INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	ENTERPRISES.		WAGE EARNERS.		INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	ENTERPRISES.		WAGE EARNERS.	
	Number.	Per cent distribution.	Number.	Per cent distribution.		Number.	Per cent distribution.	Number.	Per cent distribution.
COAL, BITUMINOUS.....	79	100.0	774	100.0	COAL, BITUMINOUS—Con.				
No wage earners.....	3	3.8			21 to 50.....	4	5.1	97	12.5
1 to 5.....	51	64.6	123	15.9	51 to 100.....	1	1.3	85	11.0
6 to 20.....	19	24.0	198	25.6	101 to 500.....	1	1.3	271	35.0

TABLE 4.—NUMBER OF PRODUCING ENTERPRISES AND AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK: 1919.

INDUSTRY.	TOTAL.		NUMBER WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
	Enter- prises.	Wage earners.	35 and under.		36 to 43.		44 to 53.		54 to 62.	
			Enter- prises.	Wage earners.	Enter- prises.	Wage earners.	Enter- prises.	Wage earners.	Enter- prises.	Wage earners.
Coal, bituminous.....	1,76	774	1	14	2	7	67	730	6	23

¹ Exclusive of 3 enterprises employing no wage earners.

TABLE 5.—WAGE EARNERS, BY MONTHS: 1919.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by *italic* figures.]

INDUSTRY.	Aver- age num- ber em- ployed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent mini- mum is of maxi- mum.
		Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	Octo- ber.	Novem- ber.	Decem- ber.	
Coal, bituminous.....	774	1,011	878	807	636	497	473	518	550	776	981	1,054	1,158	40.8

TABLE 6.—DETAILED STATISTICS FOR THE MINING INDUSTRY: 1919.

	PRODUCING ENTERPRISES.	PRODUCING ENTERPRISES.												PRODUCING ENTERPRISES.
		Coal, bitumi- nous.												
Number of enterprises.....		79												
Number of mines and quarries.....		79												
Capital.....	\$1,885,347													
Principal expenses:														
Salaries and wages—														
Officers.....	\$37,279													
Superintendents and managers.....	\$53,760													
Technical employees.....	\$29,749													
Clerks, etc.....	\$38,888													
Wage earners.....	\$1,026,126													
Supplies and materials.....	\$283,033													
Fuel.....	\$32,853													
Power.....	\$4,841													
Royalties and rents.....	\$30,888													
Taxes.....	\$19,922													
Contract work.....	\$30,750													
Expenditures for development (included in the above items).....	\$98,885													
Value of products.....	\$1,927,304													
Persons engaged in industry—Continued.														
Wage earners by occupation (Dec. 15)—Continued.														
Miners, quarrymen, and drillmen, including their helpers—														
Above ground.....														
Below ground.....														
Timbermen, trackmen, and men engaged in hauling, tramping, etc.—														
Above ground.....														
Below ground.....														
Muckers, loaders, laborers, and others not classified—														
Above ground.....														
Below ground.....														
Mineral land operated.....														
acres.....														
Land controlled, total.....														
acres.....														
Mineral land owned.....														
acres.....														
Mineral land leased.....														
acres.....														
Timber and other lands owned and leased.....														
Power used: Aggregate horsepower.....														
Prime movers (horsepower, total).....														
Steam engines—														
Number.....														
Horsepower.....														
Internal-combustion engines—														
Number.....														
Horsepower.....														
Purchased power (horsepower, total).....														
Electric motors operated by purchased current—														
Number.....														
Horsepower.....														
Electric motors run by current generated by enterprise using:														
Number.....														
Horsepower.....														
Fuel used:														
Coal, bituminous.....														
tons, 2,000 pounds.....														
Gasoline and other volatile oils.....														
barrels.....														

¹ Includes 2 females.